APPENDIX G

Analytical Data Tables

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

all concentrations in micrograms per liter (µg/L)

Analyte	Product-GW 10/22/2009	Contain-GW 10/27/2009	Containment-W Wall 10/28/2009	KM-1 8/5/2009	KM-2 8/5/2009	KM-5 8/7/2009	KM-7 8/7/2009	KM-8 8/7/2009	KM-9 8/5/2009	KM-10 8/6/2009	KM-14 8/6/2009	KM-16 8/6/2009	KM-17 12/23/2009	KM-18 12/23/2009
Benzene, Toluene, Ethylbenzene, and Xylenes														
Benzene	--	--	--	--	--	4.4	1 U	--	--	1 U	1 U	1 U	--	--
Ethylbenzene	--	--	--	--	--	16	1.4	--	--	2.2	1 U	96	--	--
m,p-Xylene	--	--	--	--	--	69	1.4	--	--	9.1	1 U	56	--	--
o-Xylene	--	--	--	--	--	8	1 U	--	--	2.5	1 U	7.2	--	--
Toluene	--	--	--	--	--	1 U	5.8	--	--	1 U	1 U	14	--	--
Conventionals														
Nitrate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals														
Arsenic	12	58	--	3.3 U	3.3 U	3.3 U	3.3 U	--	3.3 U	3.3 U	3.3 U	3.3 U	--	--
Barium	--	--	--	--	--	28 U	28 U	--	--	28 U	28 U	28 U	--	--
Cadmium	4.4 U	4.4 U	--	4.4 U	4.4 U	4.4 U	4.4 U	--	4.4 U	4.4 U	4.4 U	4.4 U	--	--
Chromium	30	110	--	11 U	11 U	11 U	11 U	--	11 U	11 U	11 U	11 U	--	--
Copper	110	310	--	11 U	11 U	--	--	--	11 U	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	14	500	200 U	22	1.1 U	1.1 U	1.1 U	--	1.1 U	1.4	1.1 U	1.1 U	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.5 U	0.88	--	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	--	--
Nickel	26	120	--	22 U	22 U	--	--	--	22 U	--	--	--	--	--
Selenium	--	--	--	--	--	5.6 U	5.6 U	--	--	5.6 U	5.6 U	5.6 U	--	--
Silver	--	--	--	--	--	11 U	11 U	--	--	11 U	11 U	11 U	--	--
Zinc	120	2,000	--	36	28 U	--	--	--	28 U	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls														
Aroclor 1016	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Aroclor 1221	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U		
Aroclor 1232	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Aroclor 1242	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Aroclor 1248	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Aroclor 1254	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Aroclor 1260	--	--	--	0.1 U	0.1 U	0.053 U	0.051 U	--	0.1 U	0.05 U	0.051 U	0.051 U	--	--
Semivolatile Organic Compounds														
(3+4)-Methylphenol (m,p-Cresol)	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,2,4-Trichlorobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,2-Dichlorobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,2-Dinitrobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,2-Diphenylhydrazine	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,3-Dichlorobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,3-Dinitrobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,4-Dichlorobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
1,4-Dinitrobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1.6	1 U	1 U	1 U	--	--
1-Methylnaphthalene	0.51 U	44	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.45	0.1 U	0.1 U	0.1 U	--	--
2,3,4,6-Tetrachlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,3,5,6-Tetrachlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,3-Dichloroaniline	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,4,5-Trichlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,4,6-Trichlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,4-Dichlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,4-Dimethylphenol	12	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,4-Dinitrophenol	100 U	200 U	--	13 U	10 U	9.9 U	10 U	--	10 U	10 U	10 U	10 U	--	--
2,4-Dinitrotoluene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2,6-Dinitrotoluene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2-Chloronaphthalene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--

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Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Product-GW 10/22/2009	Contain-GW 10/27/2009	Containment-W Wall 10/28/2009	KM-1 8/5/2009	KM-2 8/5/2009	KM-5 8/7/2009	KM-7 8/7/2009	KM-8 8/7/2009	KM-9 8/5/2009	KM-10 8/6/2009	KM-14 8/6/2009	KM-16 8/6/2009	KM-17 12/23/2009	KM-18 12/23/2009
2-Chlorophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2-Methylnaphthalene	1.8	95	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.27	0.1 U	0.1 U	0.12	--	--
2-Methylphenol (o-Cresol)	14	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2-Nitroaniline	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
2-Nitrophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
3,3'-Dichlorobenzidine	100 U	200 U	--	13 U	10 U	9.9 U	10 U	--	10 U	10 U	10 U	10 U	--	--
3-Nitroaniline	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
4,6-Dinitro-2-methylphenol	51 U	100 U	--	6.6 U	5.2 U	5 U	5.1 U	--	5 U	5 U	5.1 U	5.2 U	--	--
4-Bromophenyl-phenylether	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
4-Chloro-3-methylphenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
4-Chloroaniline	100 U	200 U	--	13 U	10 U	9.9 U	10 U	--	10 U	10 U	10 U	10 U	--	--
4-Chlorophenyl-phenylether	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
4-Nitroaniline	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
4-Nitrophenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Acenaphthene	0.51 U	180	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.33	0.13	0.1 U	0.1 U	--	--
Acenaphthylene	0.51 U	20 U	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.1 U	0.12	0.1 U	0.1 U	--	--
Aniline	51 U	100 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Anthracene	0.51 U	310	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	--	--
Benzidine	100 U	200 U	--	13 U	10 U	9.9 U	10 U	--	10 U	10 U	10 U	10 U	--	--
Benzo(a)anthracene	0.3	150	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.021	0.01 U	0.01 U	0.01 U	0.0097 U	--
Benzo(a)pyrene	0.37	120	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.014	0.01 U	0.01 U	0.01 U	0.0097 U	--
Benzo(b)fluoranthene	0.65	160	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.02	0.01 U	0.01 U	0.01 U	0.0097 U	--
Benzo(ghi)perylene	0.29	72	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.01	0.01 U	0.01 U	0.01 U	--	--
Benzo(k)fluoranthene	0.2	46	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.0097 U	--
Benzyl alcohol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
bis(2-Chloroethoxy)methane	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
bis(2-Chloroethyl)ether	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
bis(2-Chloroisopropyl)ether	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
bis(2-Ethylhexyl)phthalate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
bis-2-Ethylhexyladipate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Butylbenzylphthalate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Carbazole	10 U	91	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Chrysene	0.37	180	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.02	0.01 U	0.01 U	0.01 U	0.0097 U	--
Dibenz(a,h)anthracene	0.12	21	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.0097 U	--
Dibenzofuran	10 U	110	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Diethylphthalate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Dimethylphthalate	32	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Di-n-butylphthalate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Di-n-octylphthalate	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1.4	1 U	1 U	--	--
Fluoranthene	0.51 U	530	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	--	--
Fluorene	0.51 U	180	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.14	0.1 U	0.1 U	0.1 U	--	--
Hexachlorobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Hexachlorobutadiene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Hexachlorocyclopentadiene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Hexachloroethane	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Indeno(1,2,3-cd)pyrene	0.25	72	--	0.013 U	0.01 U	0.0099 U	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.0097 U	--
Isophorone	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Naphthalene	0.93	670	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.77	0.37	0.13	1.4	--	--
Nitrobenzene	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
N-Nitrosodimethylamine	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
N-Nitroso-di-n-propylamine	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
N-Nitrosodiphenylamine	100 U	200 U	--	13 U	10 U	9.9 U	10 U	--	10 U	10 U	10 U	10 U	--	--
Pentachlorophenol	51 U	100 U	--	6.6 U	5.2 U	5 U	5.1 U	--	5 U	5 U	5.1 U	5.2 U	--	--
Phenanthrene	0.51 U	830	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.12	0.1 U	0.1 U	0.1 U	--	--
Phenol	10 U	20 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--
Pyrene	0.51 U	430	--	0.13 U	0.1 U	0.099 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	--	--
Pyridine	100 U	200 U	--	1.3 U	1 U	0.99 U	1 U	--	1 U	1 U	1 U	1 U	--	--

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Seattle, Washington

Analyte	Product-GW 10/22/2009	Contain-GW 10/27/2009	Containment-W Wall 10/28/2009	KM-1 8/5/2009	KM-2 8/5/2009	KM-5 8/7/2009	KM-7 8/7/2009	KM-8 8/7/2009	KM-9 8/5/2009	KM-10 8/6/2009	KM-14 8/6/2009	KM-16 8/6/2009	KM-17 12/23/2009	KM-18 12/23/2009
Total Petroleum Hydrocarbons														
Gasoline Range Organics	200,000	510,000	--	100 U	100 U	290	100 U	--	100 U	100 U	100 U	1300	100 U	--
Diesel Range Organics	1,800 U	280 U	--	270 U	280 U	280 U	280 U	--	280 U	270 U	280 U	280 U		--
Lube Oil	450	1,500	--	430 U	450 U	450 U	440 U	--	440 U	440 U	440 U	450 U	--	--
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,1,1-Trichloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.33	0.2 U
1,1,2,2-Tetrachloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,1,2-Trichloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,1-Dichloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.59	0.77	0.2 U
1,1-Dichloroethene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,1-Dichloropropene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2,3-Trichlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2,3-Trichloropropane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	100 U	430	--	0.2 U	0.2 U	0.28	0.2 U	0.77 J	0.2 U	0.25	0.2 U	33	0.2 U	0.96
1,2-Dibromo-3-chloropropane	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
1,2-Dibromoethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2-Dichlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,2-Dichloroethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.28	0.2 U
1,2-Dichloropropane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	100 U	120	--	0.2 U	0.2 U	0.2 U	0.2 U	0.28 J	0.2 U	0.2 U	0.2 U	7.8	0.2 U	0.61
1,3-Dichlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,3-Dichloropropane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
1,4-Dichlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
2,2-Dichloropropane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
2-Chloroethylvinylether	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
2-Chlorotoluene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
2-Hexanone	1,000 U	1000 U	--	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	4 U	2 U	2 U
4-Chlorotoluene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Acetone	13,000	2500 U	--	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	10 U	5 U	5 U
Benzene	100 U	100 U	--	0.2 U	0.2 U	4.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Bromobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Bromochloromethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Bromodichloromethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Bromoform	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
Bromomethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Carbon Disulfide	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Carbon Tetrachloride	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Chlorobenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Chloroethane	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
Chloroform	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.37	0.2 U
Chloromethane	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
Cis-1,2-Dichloroethene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	8.9	11	0.2 U
Cis-1,3-Dichloropropene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Dibromochloromethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Dibromomethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Dichlorodifluoromethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Ethylbenzene	8,100	13000	--	0.2 U	0.2 U	15	0.48	18 J	0.2 U	1.2	0.2 U	93	0.2 U	0.2 U
Hexachlorobutadiene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Iodomethane	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U
Isopropylbenzene	100 U	100	--	0.2 U	0.2 U	0.65	0.2 U	0.22 J	0.88	0.2 U	0.2 U	21	0.2 U	0.2 U
m,p-Xylene	37,000	45,000	--	0.4 U	0.4 U	57	1	25 J	0.4 U	5.9	0.52	47	0.4 U	0.4 U
Methyl ethyl ketone	2,500 U	2,500 U	--	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	10 U	5 U	5 U
Methyl Isobutyl Ketone	1,000 U	1,000 U	--	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	4 U	2 U	2 U
Methyl t-Butyl Ether	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Methylene Chloride	500 U	500 U	--	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Product-GW 10/22/2009	Contain-GW 10/27/2009	Containment-W Wall 10/28/2009	KM-1 8/5/2009	KM-2 8/5/2009	KM-5 8/7/2009	KM-7 8/7/2009	KM-8 8/7/2009	KM-9 8/5/2009	KM-10 8/6/2009	KM-14 8/6/2009	KM-16 8/6/2009	KM-17 12/23/2009	KM-18 12/23/2009
Naphthalene	500 U	590	--	1 U	1 U	1 U	1 U	1 UJ	2.3	1.1	1 U	3.7	1 U	160
n-Butylbenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
n-Propylbenzene	100 U	100 U	--	0.2 U	0.2 U	0.29	0.26	0.26 J	0.75	0.2 U	0.2 U	28	0.2 U	0.2 U
o-Xylene	13,000	12,000	--	0.2 U	0.2 U	6.7	0.2 U	0.2 UJ	0.2 U	1.7	0.2 U	5.6	0.2 U	0.2 U
p-Isopropyltoluene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	3	0.2 U	0.2 U
sec-Butylbenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U
Styrene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
tert-Butylbenzene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U
Tetrachloroethene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Toluene	17,000	1,200	--	1 U	1 U	1 U	13	1 UJ	1 U	1 U	1 U	12	1 U	1 U
Trans-1,2-Dichloroethene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.23	0.2 U
Trans-1,3-Dichloropropene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U
Trichloroethene	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.6	9	0.2 U
Trichlorofluoromethane	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.4 U	0.27	0.2 U
Vinyl Acetate	1,000 U	1,000 U	--	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	4 U	2 U	2 U
Vinyl Chloride	100 U	100 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	3.8	0.2 U	0.2 U

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GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-19 12/23/2009	KM-20 12/23/2009	KM-21 12/23/2009	KM-22 8/23/2010	KM-25 8/23/2010	KM-27 8/24/2010	KM-29 8/24/2010	KM-30 3/23/2011	KM-31 3/22/2011	KM-32 3/22/2011	KM-33 3/22/2011	KM-34 3/21/2011	KM-35 3/22/2011	KM-36 3/21/2011	KM-37 3/21/2011	KM-39 3/24/2011	KM-41 3/24/2011
Benzene, Toluene, Ethylbenzene, and Xylenes																	
Benzene	--	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	93	35	11	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	1 U	13	1 U	4,700	5,100	10 U	--
m,p-Xylene	--	--	--	--	--	--	--	--	--	--	1 U	56	1 U	1,400	10,000	27	--
o-Xylene	--	--	--	--	--	--	--	--	--	--	1 U	18	1 U	50 U	1,600	10 U	--
Toluene	--	--	--	--	--	--	--	--	--	--	1 U	1.4	1 U	10 U	10 U	37	--
Conventionals																	
Nitrate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																	
Arsenic	--	--	--	17	13	3.3 U	8.6	--	--	--	8.2	3.3 U	3.3 U	20	15	17	11
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	4.4 U	4.4 U	4.4 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	11 U	28	11 U	11 U	--	--	--	25	11 U	11 U	11 U	11 U	11 U	11 U
Copper	--	--	--	25	34	11 U	11 U	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	4.5	19	1.1 U	1.6	--	--	--	6.5	1.1 U	1.1 U	1.1 U	13	2.9	60
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	22 U	20	22 U	22 U	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	28 U	55	28 U	28 U	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																	
Aroclor 1016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																	
(3+4)-Methylphenol (m,p-Cresol)	--	--	--	9.7	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	--	--	--	0.76	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.39	0.099 U	0.097 U	0.91	0.5 J	9.2	18
2,3,4,6-Tetrachlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	20	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--

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GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-19 12/23/2009	KM-20 12/23/2009	KM-21 12/23/2009	KM-22 8/23/2010	KM-25 8/23/2010	KM-27 8/24/2010	KM-29 8/24/2010	KM-30 3/23/2011	KM-31 3/22/2011	KM-32 3/22/2011	KM-33 3/22/2011	KM-34 3/21/2011	KM-35 3/22/2011	KM-36 3/21/2011	KM-37 3/21/2011	KM-39 3/24/2011	KM-41 3/24/2011
2-Chlorophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	--	1.3	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.096 U	0.099 U	0.097 U	1.1	0.73 J	4.8 U	22
2-Methylphenol (o-Cresol)	--	--	--	3.6	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	--	--	--	4.8 U	4.9 U	4.9 U	4.7 U	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	0.095 U	0.099 U	0.097 U	0.095 U	0.96	0.097 U	0.1 U	1.9	0.099 U	0.097 U	0.43	0.12 J	4.8 U	9.6 U
Acenaphthylene	--	--	--	0.095 U	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.096 U	0.099 U	0.097 U	0.1 U	0.098 UJ	4.8 U	9.6 U
Aniline	--	--	--	4.8 U	4.9 U	4.9 U	4.7 U	--	--	--	--	--	--	--	--	--	--
Anthracene	--	--	--	0.095 U	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.18	0.099 U	0.097 U	0.1 U	0.098 UJ	4.8 U	9.6 U
Benzidine	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	0.0098	0.0097 U	--	0.022	0.064	0.0097 U	0.012	0.096 U	0.0097 U	0.16	0.02	0.0099 U	0.0097 U	0.035	0.043 J	0.48 U	0.96 U
Benzo(a)pyrene	0.0097 U	0.0097 U	--	0.022	0.061	0.0097 U	0.017	0.096 U	0.0097 U	0.18	0.0096 U	0.0099 U	0.0097 U	0.032	0.035 J	0.48 U	0.96 U
Benzo(b)fluoranthene	0.0097 U	0.0097 U	--	0.017	0.054	0.0097 U	0.01	0.096 U	0.0097 U	0.21	0.0096 U	0.0099 U	0.0097 U	0.027	0.032 J	0.48 U	0.96 U
Benzo(ghi)perylene	--	--	--	0.015	0.039	0.0097 U	0.0095 U	0.096 U	0.0097 U	0.14	0.0096 U	0.0099 U	0.0097 U	0.05	0.037 J	0.48 U	0.96 U
Benzo(k)fluoranthene	0.0097 U	0.0097 U	--	0.017	0.051	0.0097 U	0.0095 U	0.096 U	0.0097 U	0.16	0.0096 U	0.0099 U	0.0097 U	0.021	0.026 J	0.48 U	0.96 U
Benzyl alcohol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	0.95 U	1.9	0.97 U	7.1	--	--	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Carbazole	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Chrysene	0.0097 U	0.0097 U	--	0.025	0.076	0.0097 U	0.0095 U	0.096 U	0.0097 U	0.23	0.022	0.0099 U	0.0097 U	0.042	0.053 J	0.48 U	0.96 U
Dibenz(a,h)anthracene	0.0097 U	0.0097 U	--	0.0095 U	0.012	0.0097 U	0.0095 U	0.096 U	0.0097 U	0.048	0.0096 U	0.0099 U	0.0097 U	0.01 U	0.0098 UJ	0.48 U	0.96 U
Dibenzofuran	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Di-n-octylphthalate	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	0.095 U	0.17	0.097 U	0.095 U	0.96 U	0.097 U	0.18	0.14	0.099 U	0.097 U	0.1 U	0.1 J	4.8 U	9.6 U
Fluorene	--	--	--	0.095 U	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.93	0.099 U	0.097 U	0.1 U	0.098 UJ	4.8 U	9.6 U
Hexachlorobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.0097 U	0.0097 U	--	0.011	0.035	0.0097 U	0.0095 U	0.096 U	0.0097 U	0.12	0.0096 U	0.0099 U	0.0097 U	0.032	0.027 J	0.48 U	0.96 U
Isophorone	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	22	0.099 U	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.16	0.099 U	0.097 U	3.6	4.6 J	4.8 U	27 J
Nitrobenzene	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	4.8 U	4.9 U	4.9 U	4.7 U	--	--	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	0.15	0.12	0.097 U	0.095 U	0.96 U	0.097 U	0.1 U	0.096 U	0.099 U	0.097 U	0.2	0.17 J	4.8 U	9.6 U
Phenol	--	--	--	0.95 U	0.99 U	0.97 U	0.95 U	--	--	--	--	--	--	--	--	--	--
Pyrene	--	--	--	0.095 U	0.14	0.097 U	0.095 U	0.96 U	0.097 U	0.17	0.1	0.099 U	0.097 U	0.1 U	0.1 J	4.8 U	9.6 U
Pyridine	--	--	--	9.5 U	9.9 U	9.7 U	9.5 U	--	--	--	--	--	--	--	--	--	--

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-19 12/23/2009	KM-20 12/23/2009	KM-21 12/23/2009	KM-22 8/23/2010	KM-25 8/23/2010	KM-27 8/24/2010	KM-29 8/24/2010	KM-30 3/23/2011	KM-31 3/22/2011	KM-32 3/22/2011	KM-33 3/22/2011	KM-34 3/21/2011	KM-35 3/22/2011	KM-36 3/21/2011	KM-37 3/21/2011	KM-39 3/24/2011	KM-41 3/24/2011
TPH																	
Gasoline Range Organics	710	400 U	100 U	91,000	100 U	100 U	100 U	840	100 U	100 U	160	190	100 U	31,000	38,000	6,600	4,400
Diesel Range Organics	--	--	--	1,400 U	270 U	260 U	260 U	--	--	--	--	--	--	--	--	--	--
Lube Oil	--	--	--	430 U	430 U	420 U	420 U	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.26	0.2 U	--	--	--	--	--	--	0.4 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,1-Dichloropropene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2,3-Trichlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2,3-Trichloropropane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2,4-Trimethylbenzene	0.2 U	0.2 U	0.2 U	520	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	6 J
1,2-Dibromo-3-chloropropane	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U
1,2-Dibromoethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,3,5-Trimethylbenzene	0.2 U	0.2 U	0.2 U	250	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	1.3 J
1,3-Dichlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,3-Dichloropropane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
2,2-Dichloropropane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
2-Chloroethylvinylether	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U
2-Chlorotoluene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
2-Hexanone	2 U	2 U	2 U	2,000 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	--	--	--	--	4 U
4-Chlorotoluene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Acetone	5 U	5 U	5 U	5,000 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	--	--	--	--	10 U
Benzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	23 J
Bromobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Bromochloromethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	
Bromoform	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U
Bromomethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Carbon Disulfide	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Chloroethane	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U
Chloroform	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Chloromethane	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U
Cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	2.1	0.2 U	--	--	--	--	--	--	0.4 U
Cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Dibromomethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Dichlorodifluoromethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	
Ethylbenzene	0.2 U	0.2 U	0.2 U	8,900	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	9.6 J
Hexachlorobutadiene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Iodomethane	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	
Isopropylbenzene	18	12	0.2 U	200 U	0.2 U	0.2 U	0.2 U	8	0.2 U	0.2 U	--	--	--	--	--	--	24 J
m,p-Xylene	0.4 U	0.4 U	0.4 U	27,000	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	26 J
Methyl ethyl ketone	5 U	5 U	5 U	5,000 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	--	--	--	--	10 U
Methyl Isobutyl Ketone	2 U	2 U	2 U	2,000 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	--	--	--	--	4 U
Methyl t-Butyl Ether	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Methylene Chloride	1 U	1 U	1 U	1,000 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2 U

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-19 12/23/2009	KM-20 12/23/2009	KM-21 12/23/2009	KM-22 8/23/2010	KM-25 8/23/2010	KM-27 8/24/2010	KM-29 8/24/2010	KM-30 3/23/2011	KM-31 3/22/2011	KM-32 3/22/2011	KM-33 3/22/2011	KM-34 3/21/2011	KM-35 3/22/2011	KM-36 3/21/2011	KM-37 3/21/2011	KM-39 3/24/2011	KM-41 3/24/2011
Naphthalene	1 U	1 U	1 U	1,000	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	92 J
n-Butylbenzene	5.5	0.91	0.2 U	200 U	0.2 U	0.2 U	0.2 U	4.3	0.2 U	0.2 U	--	--	--	--	--	--	4.8 J
n-Propylbenzene	34	16	0.2 U	200 U	0.2 U	0.2 U	0.2 U	10	0.2 U	0.2 U	--	--	--	--	--	--	30 J
o-Xylene	0.2 U	0.2 U	0.2 U	9,000	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	9.1 J
p-Isopropyltoluene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.52 J
sec-Butylbenzene	13	6.4	0.2 U	200 U	0.2 U	0.2 U	0.2 U	12	0.2 U	0.2 U	--	--	--	--	--	--	4.4 J
Styrene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
tert-Butylbenzene	0.79	0.69	0.2 U	200 U	0.2 U	0.2 U	0.2 U	1	0.2 U	0.2 U	--	--	--	--	--	--	0.57 J
Tetrachloroethene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Toluene	1 U	1 U	1 U	4,700	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	2.4 J
Trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U
Trichloroethene	0.2 U	1.1	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.83	0.2 U	--	--	--	--	--	--	0.4 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	
Vinyl Acetate	2 U	2 U	2 U	2,000 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	--	--	--	--	4 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.4 U

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-44 3/4/2015	KM-45 3/4/2015	KM-46 3/4/2015	KM-47 3/4/2015	KM-48 3/4/2015	KM-49 3/4/2015	KM-50 3/4/2015	KM-51 3/4/2015	KM-52 3/4/2015	KM-53 8/2/2016	KM-54 8/2/2016	KM-55 8/2/2016
Benzene, Toluene, Ethylbenzene, and Xylenes												
Benzene	--	--	--	--	--	--	--	--	--	0.29	0.20 U	8
Ethylbenzene	--	--	--	--	--	--	--	--	--	1.0 U	3.9	2.1
m,p-Xylene	--	--	--	--	--	--	--	--	--	2	25	2.8
o-Xylene	--	--	--	--	--	--	--	--	--	1.0 U	1.0 U	1.1
Toluene	--	--	--	--	--	--	--	--	--	1.0 U	12	2.3
Conventionals												
Nitrate	0.05 U	--	--	--	--	--	--	--	0.16	--	--	--
Sulfate	10 U	--	--	--	--	--	--	--	110	--	--	--
Total Organic Carbon	4.4	--	--	--	--	--	--	--	19	--	--	--
Metals												
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--
Iron	24,000	--	--	--	--	--	--	--	44,000	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	380	--	--	--	--	--	--	--	1,800	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--
Iron	24,000	--	--	--	--	--	--	--	42,000	--	--	--
Manganese	380	--	--	--	--	--	--	--	1,700	--	--	--
Polychlorinated Biphenyls												
Aroclor 1016	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
(3+4)-Methylphenol (m,p-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-44 3/4/2015	KM-45 3/4/2015	KM-46 3/4/2015	KM-47 3/4/2015	KM-48 3/4/2015	KM-49 3/4/2015	KM-50 3/4/2015	KM-51 3/4/2015	KM-52 3/4/2015	KM-53 8/2/2016	KM-54 8/2/2016	KM-55 8/2/2016
2-Chlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--	--	--	--	--
Aniline	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--	--	--	--	--
Benzidine	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--
Benzyl alcohol	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octylphthalate	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-44 3/4/2015	KM-45 3/4/2015	KM-46 3/4/2015	KM-47 3/4/2015	KM-48 3/4/2015	KM-49 3/4/2015	KM-50 3/4/2015	KM-51 3/4/2015	KM-52 3/4/2015	KM-53 8/2/2016	KM-54 8/2/2016	KM-55 8/2/2016
TPH												
Gasoline Range Organics	3,500	3,500	14,000	2,100	4,600	26,000	3,100	4,700	1,300	0.58	0.17	0.27
Diesel Range Organics	--	--	--	--	--	--	--	--	--	2	0.29	1.8
Lube Oil	--	--	--	--	--	--	--	--	--	0.56	0.42 U	0.51
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloroethylvinylether	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Isobutyl Ketone	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-Butyl Ether	--	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-1

GRAB GROUNDWATER DETECTIONS[1]
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	KM-44 3/4/2015	KM-45 3/4/2015	KM-46 3/4/2015	KM-47 3/4/2015	KM-48 3/4/2015	KM-49 3/4/2015	KM-50 3/4/2015	KM-51 3/4/2015	KM-52 3/4/2015	KM-53 8/2/2016	KM-54 8/2/2016	KM-55 8/2/2016
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Acetate	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1. Data qualifiers are as follows:
   U = The analyte was not detected at the reporting limit indicated.
   J = The value is an estimate.
   UJ = The analyte was not detected at the estimated reporting limit indicated.

Abbreviations:
GW = groundwater

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-01			KMW-02/02R[2]					KMW-03/03R[3]								
	3/28/2011	8/4/2011	6/7/2013	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/10/2016	3/28/2011	3/28/2011 (D)	8/4/2011	4/4/2013	6/7/2013	3/10/2015	7/1/2016	11/10/2016	11/10/2016 (D)
Benzene, Toluene, Ethylbenzene, and Xylenes (µg/L)																	
Benzene	--	--	--	--	--	--	--	--	8.1	8.4	4 U	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	3,100	2,700	2,400	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	18	18	7.1	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--	4 U	4 U	4 U	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	4 U	4 U	4 U	--	--	--	--	--	--
Total Metals (µg/L)																	
Arsenic	3.3 U	3.3 U	--	3.3 U	3.3 U	--	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	--	--	--	3.3 U	3.3 U	3.3 U
Barium	--	--	--	--	--	--	28 U	28 U	--	--	--	--	--	--	28 U	28 U	28 U
Cadmium	--	--	--	--	--	--	4.4 U	4.4 U	--	--	--	--	--	--	4.4 U	4.4 U	4.4 U
Calcium	--	24,100	--	--	19,100	--	--	--	--	--	62,000	--	--	--	--	--	--
Chromium	11 U	--	--	11 U	--	--	11 U	11 U	11 U	11 U	--	--	--	--	11 U	11 U	11 U
Copper	--	11 U	--	--	11 U	--	--	--	--	--	11 U	--	--	--	--	--	--
Iron	--	740	2,400	--	620	1600	--	--	--	--	8,600	5,600	6,600	--	--	--	--
Lead	1.1 U	1.1 U	--	1.1 U	1.1 U	--	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	--	--	--	1.1 U	1.1 U	1.1 U
Magnesium	--	5,630	--	--	4,820	--	--	--	--	--	10,200	--	--	--	--	--	--
Manganese	--	95	150	--	139	130	--	--	--	--	1,240	--	440	--	--	--	--
Mercury	--	--	--	--	--	--	0.5 U	0.50 U	--	--	--	--	--	--	0.5 U	0.50 U	0.50 U
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	4,100	--	--	2,500	--	--	--	--	--	4,700	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	5.6 U	5.6 U	--	--	--	--	--	--	5.6 U	5.6 U	5.6 U
Silver	--	--	--	--	--	--	11 U	11 U	--	--	--	--	--	--	11 U	11 U	11 U
Sodium	--	13,000	--	--	11,100	--	--	--	--	--	24,300	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Metals (µg/L)																	
Arsenic	3 U	--	--	3 U	--	--	3 U	3.0 U	3 U	3 U	--	--	--	--	3 U	3.0 U	3.0 U
Barium	--	--	--	--	--	--	25 U	25 U	--	--	--	--	--	--	25 U	25 U	25 U
Cadmium	--	--	--	--	--	--	4 U	4.0 U	--	--	--	--	--	--	4 U	4.0 U	4.0 U
Calcium	--	--	--	--	--	--	--	--	--	--	--	37,000	--	--	--	--	--
Chromium	10 U	--	--	10 U	--	--	10 U	10 U	10 U	10 U	--		--	--	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	5,700	--	--	--	--	--
Lead	1 U	--	--	1 U	--	--	1 U	1.0 U	1 U	1 U	--		--	--	1 U	1.0 U	1.0 U
Magnesium	--	--	--	--	--	--	--	--	--	--	--	5,200	--	--	--	--	--
Manganese	--	--	150	--	--	140	--	--	--	--	--	380	450	--	--	--	--
Mercury	--	--	--	--	--	--	0.5 U	0.50 U	--	--	--	--	--	--	0.5 U	0.50 U	0.50 U
Potassium	--	--	--	--	--	--	--	--	--	--	--	3,000	--	--	--	--	--
Selenium	--	--	--	--	--	--	5 U	5.0 U	--	--	--	--	--	--	5 U	5.0 U	5.0 U
Silver	--	--	--	--	--	--	10 U	10 U	--	--	--	--	--	--	10 U	10 U	10 U
Sodium	--	--	--	--	--	--	--	--	--	--	--	35,000	--	--	--	--	--

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-01			KMW-02/02R[2]					KMW-03/03R[3]								
	3/28/2011	8/4/2011	6/7/2013	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/10/2016	3/28/2011	3/28/2011 (D)	8/4/2011	4/4/2013	6/7/2013	3/10/2015	7/1/2016	11/10/2016	11/10/2016 (D)
Polycyclic Aromatic Hydrocarbons (µg/L)																	
1-Methylnaphthalene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.25	0.25	0.55	--	--	--	0.095 U	0.095 U	0.095 U
2-Methylnaphthalene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.37	0.37	0.74	--	--	--	0.095 U	0.095 U	0.095 U
Acenaphthene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.28	--	--	--	0.32	0.23	0.18
Acenaphthylene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.095 U	--	--	--	0.095 U	0.095 U	0.095 U
Anthracene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.56	--	--	--	0.11	0.11	0.12
Benzo(a)anthracene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.018	0.0095 U	0.0095 U
Benzo(a)pyrene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.011	0.0095 U	0.0095 U
Benzo(b)fluoranthene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.011	0.0095 U	0.0095 U
Benzo(ghi)perylene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.014	0.0095 U	0.0095 U
Benzo(j,k)fluoranthene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.0095 U	0.0095 U	0.0095 U
Chrysene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.012	0.0095 U	0.0095 U
Dibenz(a,h)anthracene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.0095 U	0.0095 U	0.0095 U
Fluoranthene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.095 U	--	--	--	0.095 U	0.095 U	0.095 U
Fluorene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.095 U	--	--	--	0.15	0.13	0.15
Indeno(1,2,3-cd)pyrene	0.0098 U	0.0095 U	--	0.0098 U	0.0096 U	--	0.0095 U	0.0094 U	0.0096 U	0.0095 U	0.0095 U	--	--	--	0.011	0.0095 U	0.0095 U
Naphthalene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	4.8	5.7	8.1	--	--	--	0.18	0.095 U	0.095 U
Phenanthrene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.12	--	--	--	0.095 U	0.095 U	0.095 U
Pyrene	0.098 U	0.095 U	--	0.098 U	0.096 U	--	0.095 U	0.094 U	0.096 U	0.095 U	0.095 U	--	--	--	0.095 U	0.095 U	0.095 U
Polychlorinated Biphenyls (µg/L)																	
Aroclor 1016	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1221	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1232	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1242	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1248	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1254	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Aroclor 1260	--	--	--	--	--	--	0.047 U	--	--	--	--	--	--	--	0.047 U	--	--
Total Petroleum Hydrocarbons (mg/L)																	
Gasoline Range Organics (µg/L)	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	7,700	7,000	6,100	1,800	1,100	1,100	300	130	170
Diesel Range Organics	--	--	--	--	--	--	0.26	0.26 U	--	--	--	--	--	--	0.66 J	0.31 U	0.28 U
Lube Oil	--	--	--	--	--	--	0.41 U	0.41 U	--	--	--	--	--	--	0.41 U	0.41 U	0.41 U
Volatile Organic Compounds (µg/L)																	
1,1,1,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,1-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,2,3-Trichlorobenzene	0.2 U	0.2 U	0.28 U	0.2 U	0.2 U	0.28 U	0.2 U	0.2 U	--	--	--	1 U	0.28 U	--	0.2 U	0.2 U	0.2 U
1,2,3-Trichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-01			KMW-02/02R[2]					KMW-03/03R[3]								
	3/28/2011	8/4/2011	6/7/2013	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/10/2016	3/28/2011	3/28/2011 (D)	8/4/2011	4/4/2013	6/7/2013	3/10/2015	7/1/2016	11/10/2016	11/10/2016 (D)
1,2,4-Trimethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1 U	1 U	1 U
1,2-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	3.9 U	--	--	--	5 U	1 U	--	2.5 U	3.9 U	3.9 U
2-Chlorotoluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
2-Hexanone	2 U	2 U	2 U	2 U	2 U	2 U	3.5 U	2 U	--	--	--	10 U	2 U	--	3.5 U	2 U	2 U
4-Chlorotoluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	12 U	5 U	--	--	--	25 U	5 U	--	12 U	7.9	6.5
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.41	--	0.2 U	0.2 U	0.2 U
Bromobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Bromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1 U	1 U	1 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
CFC-11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
CFC-12	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.29 U	--	--	--	1 U	0.2 U	--	0.2 U	0.29 U	0.29 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1 U	1 U	1 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U	--	--	--	5 U	1 U	--	1 U	1.6 U	1.6 U
Cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.26	0.26	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Dibromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-01			KMW-02/02R[2]					KMW-03/03R[3]								
	3/28/2011	8/4/2011	6/7/2013	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/10/2016	3/28/2011	3/28/2011 (D)	8/4/2011	4/4/2013	6/7/2013	3/10/2015	7/1/2016	11/10/2016	11/10/2016 (D)
Dichlorobromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	170	27	--	1.4	0.33	0.34
Ethylene dibromide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Isopropylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	44	41	--	21	4.9	4.7
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	2 U	0.4 U	--	2.1	1.0	0.97
Methyl ethyl ketone	5 U	5 U	5 U	5 U	5 U	5 U	16 U	5 U	--	--	--	25 U	5 U	--	16 U	5 U	5 U
Methyl Iodide	1 U	1 U	1 U	1 U	1 U	1 U	1.8 U	1 U	--	--	--	5 U	1 U	--	1.8 U	1 U	1 U
Methyl Isobutyl Ketone	2 U	2 U	2 U	2 U	2 U	2 U	2.6 U	2 U	--	--	--	10 U	2 U	--	2.6 U	2 U	2 U
Methyl t-Butyl Ether	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Methylene Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1 U	1 U	1 U
Naphthalene	1 U	1 U	1.4 U	1 U	1 U	1.4 U	1 U	1.3 U	--	--	--	19	9.8	--	1 U	1.3 U	1.3 U
n-Butylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	2.5	2.4	--	1.1	0.42	0.42
n-Propylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	51	47	--	27	9.2	8.1
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.35	0.35	0.37
p-Isopropyltoluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	2.9	2.9	--	2.7	1.5	1.3
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.28	--	0.34	0.21	0.2
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1.1	1 U	1 U
Trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U
Vinyl Acetate	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U	--	--	--	5 U	1 U	--	1 U	1 U	1 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	1 U	0.2 U	--	0.2 U	0.2 U	0.2 U

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-04								KMW-05			KMW-06		KMW-07		KMW-08		KMW-09	KMW-10
	3/28/2011	8/4/2011	8/4/2011 (D)	6/7/2013	3/10/2015	6/30/2016	6/30/2016 (D)	11/11/2016	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/11/2016	7/1/2016	11/10/2016	7/1/2016	11/10/2016	11/11/2016	11/11/2016
Benzene, Toluene, Ethylbenzene, and																			
Benzene	10	13	13	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--	--	--	--
Ethylbenzene	5,700	3,700	3,400	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--	--	--	--
m,p-Xylene	12,000	8,500	7,700	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--	--	--	--
o-Xylene	3,400	2,100	1,900	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--	--	--	--
Toluene	7,400	5,800	5,500	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--	--	--	--
Total Metals (µg/L)																			
Arsenic	12	12	10	--	--	12	12	20	3.3 U	3.3 U	--	3.5	3.4	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	9.1
Barium	--	--	--	--	--	28 U	28 U	28 U	--	--	--	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U
Cadmium	--	--	--	--	--	4.4 U	4.4 U	4.4 U	--	--	--	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Calcium	--	39,300	--	--	--	--	--	--	--	15,200	--								
Chromium	11 U	--	--	--	--	11 U	11 U	11 U	11 U	--	--	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Copper	--	11 U	11 U	--	--	--	--	--	--	11 U	--	--	--	--	--	--	--	--	--
Iron	--	50,700		39,000	--	--	--	--	--	2,860	760	--	--	--	--	--	--	--	--
Lead	1.1 U	1.1 U	1.1 U	--	--	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	--	3.7	1.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Magnesium	--	11,600	--	--	--	--	--	--	--	4,700	--	--	--	--	--	--	--	--	--
Manganese	--	1,220	--	930	--	--	--	--	--	158	150	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	0.5 U	0.5 U	0.50 U	--	--	--	0.5 U	0.50 U	0.5 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	5,300	--	--	--	--	--	--	--	4,300	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	5.6 U	5.6 U	5.6 U	--	--	--	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
Silver	--	--	--	--	--	11 U	11 U	11 U	--	--	--	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Sodium	--	16,400	--	--	--	--	--	--	--	20,200	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Metals (µg/L)																			
Arsenic	12	--	--	--	--	4.5	4	20	3 U	--	--	3 U	3.1	3 U	3.0 U	3 U	3.0 U	3.0 U	7.3
Barium	--	--	--	--	--	25 U	25 U	25 U	--	--	--	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cadmium	--	--	--	--	--	4 U	4 U	4.0 U	--	--	--	4 U	4.0 U	4 U	4.0 U	4 U	4.0 U	4.0 U	4.0 U
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	10 U	--	--	--	--	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	1 U	--	--	--	--	1 U	1 U	1.0 U	1 U	--	--	1 U	1.0 U	1 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	950	--	--	--	--	--	--	150	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	0.5 U	0.5 U	0.50 U	--	--	--	0.5 U	0.50 U	0.5 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	5 U	5 U	5.0 U	--	--	--	5 U	5.0 U	5 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U
Silver	--	--	--	--	--	10 U	10 U	10 U	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-04								KMW-05			KMW-06		KMW-07		KMW-08		KMW-09	KMW-10
	3/28/2011	8/4/2011	8/4/2011 (D)	6/7/2013	3/10/2015	6/30/2016	6/30/2016 (D)	11/11/2016	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/11/2016	7/1/2016	11/10/2016	7/1/2016	11/10/2016	11/11/2016	11/11/2016
Polycyclic Aromatic Hydrocarbons (µ																			
1-Methylnaphthalene	0.56	0.44	0.39	--	--	0.9	0.94	0.52	0.095 U	0.095 U	--	5.3	12	0.095 U	0.095 U	1.5	1.5	0.67	0.098 U
2-Methylnaphthalene	0.93	0.72	0.68	--	--	1.4	1.5	0.54	0.095 U	0.095 U	--	1.9	11	0.095 U	0.095 U	0.94	0.83	0.49	0.098 U
Acenaphthene	0.12 U	0.095 U	0.095 U	--	--	0.47 U	0.47 U	0.94 U	0.095 U	0.095 U	--	2.6	2.5	0.14	0.095 U	1.1	1.1	1.9	0.98 U
Acenaphthylene	0.12 U	0.095 U	0.095 U	--	--	0.47 U	0.47 U	0.94 U	0.095 U	0.095 U	--	0.22	0.14	0.095 U	0.095 U	0.094 U	0.095 U	0.11	0.098 U
Anthracene	0.12 U	0.095 U	0.095 U	--	--	0.095 U	0.095 U	0.94 U	0.095 U	0.095 U	--	0.93	1.8	0.095 U	0.095 U	0.4	0.48	0.54	0.13
Benzo(a)anthracene	0.012 U	0.0095 U	0.0095 U	--	--	0.011	0.014	0.0094 U	0.0095 U	0.0095 U	--	0.047	0.013	0.0095 U	0.0095 U	0.086	0.015	0.0098 U	0.0098 U
Benzo(a)pyrene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 UJ	0.015 J	0.0094 U	0.0095 U	0.0095 U	--	0.038	0.022	0.0095 U	0.0095 U	0.11	0.013	0.0098 U	0.0098 U
Benzo(b)fluoranthene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 UJ	0.022 J	0.0094 U	0.0095 U	0.0095 U	--	0.047	0.021	0.0095 U	0.0095 U	0.12	0.020	0.0098 U	0.0098 U
Benzo(ghi)perylene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 UJ	0.023 J	0.0094 U	0.0095 U	0.0095 U	--	0.041	0.024	0.0095 U	0.0095 U	0.1	0.0095 U	0.0098 U	0.0098 U
Benzo(j,k)fluoranthene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.0095 U	--	0.018	0.031	0.0095 U	0.0095 U	0.046	0.0095 U	0.0098 U	0.0098 U
Chrysene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.0095 U	--	0.035	0.028	0.0095 U	0.0095 U	0.09	0.042	0.0098 U	0.0098 U
Dibenz(a,h)anthracene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.0095 U	--	0.0095 U	0.0095 U	0.0095 U	0.0095 U	0.024	0.0095 U	0.0098 U	0.0098 U
Fluoranthene	0.12 U	0.095 U	0.095 U	--	--	0.095 U	0.095 U	0.094 U	0.095 U	0.095 U	--	0.14	0.16	0.095 U	0.095 U	0.47	0.36	0.098 U	0.098 U
Fluorene	0.12 U	0.095 U	0.095 U	--	--	0.095 U	0.095 U	0.94 U	0.095 U	0.095 U	--	0.72	1.7	0.1	0.095 U	0.95	0.97	0.52	0.098 U
Indeno(1,2,3-cd)pyrene	0.012 U	0.0095 U	0.0095 U	--	--	0.0095 UJ	0.016 J	0.0094 U	0.0095 U	0.0095 U	--	0.028	0.023	0.0095 U	0.0095 U	0.063	0.0095 U	0.0098 U	0.0098 U
Naphthalene	7.2	4.3	4.4	--	--	5.7	6.5	3.8	0.095 U	0.095 U	--	0.43	0.47	0.095 U	0.095 U	1.2	0.78	0.15	0.20
Phenanthrene	0.12 U	0.095 U	0.095 U	--	--	0.13	0.1	0.94 U	0.095 U	0.095 U	--	0.14	0.86	0.095 U	0.095 U	0.24	0.60	0.098 U	0.15
Pyrene	0.12 U	0.095 U	0.095 U	--	--	0.095 U	0.095 U	0.094 U	0.095 U	0.095 U	--	0.19	0.15	0.095 U	0.095 U	0.43	0.34	0.098 U	0.098 U
Polychlorinated Biphenyls (µg/L)																			
Aroclor 1016	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1221	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1232	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1242	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1248	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1254	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Aroclor 1260	--	--	--	--	--	0.048 U	0.047 U	--	--	--	--	0.047 U	--	0.047 U	--	0.047 U	--	--	--
Total Petroleum Hydrocarbons (mg/L)																			
Gasoline Range Organics (µg/L)	75,000	55,000	50,000	48,000	27,000	27,000	27,000	63,000	100 U	100 U	100 U	2,700	850	500 U	100 U	1,000	400	370	110
Diesel Range Organics	--	--	--	--	--	3 J	2.7 J	6.4 U	--	--	--	5.4 J	3.5	0.26 U	0.26 U	0.77 J	0.37 U	1.7	1.3 U
Lube Oil	--	--	--	--	--	0.51	0.87	0.41 U	--	--	--	1.5 J	1.2	0.41 U	0.42 U	0.41 U	0.41 U	0.66	0.42 U
Volatile Organic Compounds (µg/L)																			
1,1,1,2-Tetrachloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	--	--	--	20 U	--	2 U	2 U	2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloropropene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,3-Trichlorobenzene	--	--	--	28 U	--	20 U	20 U	20 U	--	--	0.28 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,3-Trichloropropane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE G-2

MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-04								KMW-05			KMW-06		KMW-07		KMW-08		KMW-09	KMW-10
	3/28/2011	8/4/2011	8/4/2011 (D)	6/7/2013	3/10/2015	6/30/2016	6/30/2016 (D)	11/11/2016	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/11/2016	7/1/2016	11/10/2016	7/1/2016	11/10/2016	11/11/2016	11/11/2016
1,2,4-Trimethylbenzene	--	--	--	77	--	44 J	65 J	160	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	3.7
1,2-Dibromo-3-chloropropane	--	--	--	100 U	--	100 U	100 U	100 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	--	--	--	20 U	--	20 U	20	52	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.38
1,3-Dichlorobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	--	--	--	100 U	--	250 U	250 U	100 U	--	--	1 U	2.5 U	3.9 U	2.5 U	3.9 U	2.5 U	3.9 U	3.9 U	3.9 U
2-Chlorotoluene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Hexanone	--	--	--	200 U	--	350 U	350 U	310 U	--	--	2 U	3.5 U	2 U	3.5 U	2 U	3.5 U	2 U	2 U	2 U
4-Chlorotoluene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acetone	--	--	--	500 U	--	1,200 U	1,200 U	1,000 U	--	--	5 U	12 U	5 U	12 U	6.5	12 U	10	5 U	5 U
Benzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.7
Bromobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	--	--	--	100 U	--	100 U	100 U	100 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	--	--	--	20 U	--	20 U	20 U	27 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Disulfide	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CFC-11	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.35	0.4	0.2 U	0.2 U
CFC-12	--	--	--	20 U	--	20 U	20 U	31 U	--	--	0.2 U	0.2 U	0.29 U	0.2 U	0.29 U	0.2 U	0.29 U	0.29 U	0.29 U
Chlorobenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	--	--	--	100 U	--	100 U	100 U	100 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	--	--	--	100 U	--	100 U	100 U	140 U	--	--	1 U	1 U	1.6 U	1 U	1.6 U	1 U	1.6 U	1.6 U	1.6 U
Cis-1,2-Dichloroethene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Cis-1,3-Dichloropropene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

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MONITORING WELL GROUNDWATER ANALYTICAL DATA[1]

Former Kelly-Moore Paint Manufacturing Facility
Seattle, Washington

Analyte	KMW-04								KMW-05			KMW-06		KMW-07		KMW-08		KMW-09	KMW-10
	3/28/2011	8/4/2011	8/4/2011 (D)	6/7/2013	3/10/2015	6/30/2016	6/30/2016 (D)	11/11/2016	3/28/2011	8/4/2011	6/7/2013	6/30/2016	11/11/2016	7/1/2016	11/10/2016	7/1/2016	11/10/2016	11/11/2016	11/11/2016
Dichlorobromomethane	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	--	--	--	3,400	--	3,700	4,300	5,200	--	--	0.2 U	0.38	0.25	0.2 U	0.2 U	0.2 U	0.31	3.1	1.6
Ethylene dibromide	--	--	--	20 U	--	2 U	2 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	--	--	--	41	--	47	63	80	--	--	0.2 U	21	17	1.1	0.29	5.4	5.9	8.1	15
m,p-Xylene	--	--	--	6,800	--	7,100	7,900	12,000	--	--	0.4 U	1.4	0.92	0.4 U	0.44	0.4 U	0.76	0.51	11
Methyl ethyl ketone	--	--	--	500 U	--	1,600 U	1,600 U	900 U	--	--	5 U	16 U	5 U	16 U	5 U	16 U	5 U	5 U	5 U
Methyl Iodide	--	--	--	100 U	--	180 U	180 U	130 U	--	--	1 U	1.8 U	1 U	1.8 U	1 U	1.8 U	1 U	1 U	1 U
Methyl Isobutyl Ketone	--	--	--	200 U	--	260 U	260 U	200 U	--	--	2 U	2.6 U	2 U	2.6 U	2 U	2.6 U	2 U	2 U	2 U
Methyl t-Butyl Ether	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	--	--	--	100 U	--	100 U	100 U	100 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	--	--	--	140 U	--	100 U	100 U	100 U	--	--	1.4 U	1 U	1.3 U	1 U	1.3 U	1.5	1.3 U	1.3 U	1.3 U
n-Butylbenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	2.5	1.6	0.73	0.2 U	2.2	2.2	0.46	0.25
n-Propylbenzene	--	--	--	32	--	47 J	70	78	--	--	0.2 U	28	22	0.91	0.21	6.2	7	8.3	15
o-Xylene	--	--	--	2,200	--	1,700	1,700	3,600	--	--	0.2 U	0.64	0.49	0.2 U	0.2 U	0.2 U	0.34	0.2 U	0.29
p-Isopropyltoluene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	3.1	2.4	3.4	0.72	7	8.1	0.72	0.42
Styrene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.3	0.25	0.3	0.2 U	0.64	0.65	0.2 U	0.2 U
Tetrachloroethene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	--	--	--	3,800	--	1,400	1,300	5,300	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trans-1,3-Dichloropropene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	--	--	--	20 U	--	20 U	20 U	20 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	--	--	--	100 U	--	100 U	100 U	100 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	--	--	--	20 U	--	2 U	2 U	2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:
1. Data qualifiers are as follows:
   U = The analyte was not detected at the reporting limit indicated.
   J = The value is an estimate.
   UJ = The analyte was not detected at the estimated reporting limit indicated.
2. On February 4, 2015, KMW-02 was abandoned by backfilling with bentonite and was replaced on June 28, 2016.
3. On June 3, 2015 KMW-03 was destroyed during building demolition and was replaced on June 27, 2016.

Abbreviations:
-- = not analyzed
µg/L = micrograms per liter
(D) = duplicate sample collected
mg/L - milligram per liter
R = replaced

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

all concentrations in milligrams per kilogram (mg/kg)

Analyte	Phase II Investigation Samples																					
	KM-1	KM-1	KM-2	KM-5	KM-5	KM-6	KM-6	KM-7	KM-7	KM-8	KM-8	KM-9	KM-10	KM-10	KM-11	KM-11	KM-12	KM-13	KM-14	KM-15	KM-16	KM-16
	8/5/2009	8/5/2009	8/5/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/5/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/7/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009
Depth (feet bgs)	1.5 to 2	5.5 to 6	1.5 to 2	2 to 2.5	6 to 6.5	1.5 to 2	4 to 4.2	1.8 to 2	6.8 to 7	1.8 to 2	6.8 to 7	1.5 to 2	1.2 to 1.5	5.2 to 5.5	1.8 to 2	6.8 to 7	1.8 to 2	1.2 to 1.5	1.8 to 2	3.8 to 4	3.8 to 4	7.8 to 8
Metals																						
Arsenic	13 U	--	11 U	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	11 U	10 U	11 U	13 U	--	11 U	11 U	11 U	15	14	--
Barium	--	--	--	24	20	37	26	75	41	61	28	--	110	26	380	--	16	35	92	390	400	--
Cadmium	1.8	--	0.73	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	0.54 U	1.8	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Chromium	17	--	10	6.1	6.3	10	8.4	32	8	20	7.4	6.2		7.4	9.4	--	7	23	21	26	44	--
Copper	59	--	21	--	--	--	--	--	--	--	--	8.5		--	--	--	--	--	--	--	--	--
Lead	370	5.3 U	26	6.4 U	5.3 U	5.4 U	5.3 U	24	5.7 U	12	5.4 U	5.4 U	700	17	44	--	5.3 U	5.3 U	66	410	14	--
Mercury	0.31 U	--	0.26 U	0.32 U	0.26 U	0.27 U	0.27 U	0.37 U	0.29 U	0.32 U	0.27 U	0.27 U	0.26 U	0.27 U	0.32 U	--	0.26 U	0.26 U	0.28 U	0.83	0.27 U	--
Nickel	14	--	9.1	--	--	--	--	--	--	--	--	5.9		--		--	--	--	--	--	--	--
Selenium	--	--	--	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	--	10 U	11 U	13 U	--	11 U	11 U	11 U	12 U	11 U	--
Silver	--	--	--	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	--	0.52 U	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Zinc	150	--	40	--	--	--	--	--	--	--	--	16			--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																						
Aroclor 1016	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1221	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1232	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1242	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1248	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1254	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.056 U	0.06 U	0.054 U	--
Aroclor 1260	0.063 U	--	0.053 U	0.064 U	0.053 U	0.054 U	0.053 U	0.074 U	0.057 U	0.065 U	0.05 U	0.054 U	0.052 U	0.053 U	0.063 U	--	0.053 U	0.053 U	0.057	0.06 U	0.054 U	--
Semivolatile Organic Compounds																						
(3+4)-Methylphenol (m,p-Cresol)	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	4.1	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,2,4-Trichlorobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,2-Dichlorobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,2-Dinitrobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,2-Diphenylhydrazine	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,3-Dichlorobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,3-Dinitrobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,4-Dichlorobenzene	0.21 UJ	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1,4-Dinitrobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
1-Methylnaphthalene	0.064	--	0.007 U	0.0085 U	0.037	0.0072 U	0.011	0.013	0.02	0.019	0.12	0.0072 U	12	12	4.1	--	0.007 U	0.007 U	0.04	0.086	0.023	0.014 UJ
2,3,4,6-Tetrachlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,3,5,6-Tetrachlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,3-Dichloroaniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,4,5-Trichlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,4,6-Trichlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,4-Dichlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,4-Dimethylphenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	1.6	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,4-Dinitrophenol	1 U	--	0.18 U	1.1 U	0.88 U	0.9 U	0.89 U	2.5 U	0.96 U	2.2 U	1.8 U	0.18 U	1.7 U	1.8 U	1.1 U	--	0.88 U	0.18 U	0.19 U	0.2 U	0.91 U	0.18 UJ
2,4-Dinitrotoluene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2,6-Dinitrotoluene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2-Chloronaphthalene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2-Chlorophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2-Methylnaphthalene	0.077	--	0.007 U	0.0089	0.062	0.0072 U	0.015	0.023	0.032	0.03	0.21	0.0072 U	18	16	3.3	--	0.007 U	0.007 U	0.042	0.11	0.036	0.014 UJ
2-Methylphenol (o-Cresol)	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	3.5	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2-Nitroaniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
2-Nitrophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
3,3'-Dichlorobenzidine	2.1 U	--	0.35 U	2.1 U	1.8 U	1.8 U	1.8 U	4.9 U	1.9 U	4.3 U	3.6 U	0.36 U	3.4 U	3.5 U	2.1 U	--	1.8 U	0.35 U	0.37 U	0.4 U	1.8 U	0.35 UJ
3-Nitroaniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4,6-Dinitro-2-methylphenol	1 U	--	0.18 U	1.1 U	0.88 U	0.9 U	0.89 U	2.5 U	0.96 U	2.2 U	1.8 U	0.18 U	1.7 U	1.8 U	1.1 U	--	0.88 U	0.18 U	0.19 U	0.2 U	0.91 U	0.18 UJ
4-Bromophenyl-phenylether	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4-Chloro-3-methylphenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4-Chloroaniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4-Chlorophenyl-phenylether	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4-Nitroaniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
4-Nitrophenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Acenaphthene	0.042 U	--	0.007 U	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.013	0.011	0.0072 U	3.5	4.7	1.5	--	0.007 U	0.007 U	0.048	0.0099	0.19	0.014 UJ
Acenaphthylene	0.042 U	--	0.007 U	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.032	0.0072 U	0.0072 U	0.42	0.35 U	0.28	--	0.007 U	0.007 U	0.017	0.062	0.0072 U	0.014 UJ
Aniline	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Anthracene	0.042 U	--	0.007 U	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.13	0.0072 U	0.0072 U	1.4	1.6	0.68	--	0.007 U	0.007 U	0.043	0.084	0.2	0.014 UJ
Benzidine	2.1 U	--	0.35 U	2.1 U	1.8 U	1.8 U	1.8 U	4.9 U	1.9 U	4.3 U	3.6 U	0.36 U	3.4 U	3.5 U	2.1 U	--	1.8 U	0.35 U	0.37 U	0.4 U	1.8 U	0.35 UJ
Benzo(a)anthracene	0.056	--	0.024	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.46	0.012	0.0072 U	2.4	1.4	0.5	--	0.007 U	0.007 U	0.12	0.19	2.6	0.014 UJ
Benzo(a)pyrene	0.11	--	0.033	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.81	0.014	0.0072 U	1.9	1.3	0.54	--	0.007 U	0.007 U	0.15	0.24	3.5	0.014 UJ
Benzo(b)fluoranthene	0.14	--	0.035	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.49	0.017	0.0072 U	2.5	1.4	0.27	--	0.007 U	0.007 U	0.14	0.34	8.3	0.014 UJ
Benzo(ghi)perylene	0.094	--	0.026	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.72	0.011	0.0072 U	1.7	0.95	0.41	--	0.007 U	0.007 U	0.14	0.3	5.2	0.014 UJ

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

all concentrations in milligrams per kilogram (mg/kg)

Analyte	Phase II Investigation Samples																					
	KM-1	KM-1	KM-2	KM-5	KM-5	KM-6	KM-6	KM-7	KM-7	KM-8	KM-8	KM-9	KM-10	KM-10	KM-11	KM-11	KM-12	KM-13	KM-14	KM-15	KM-16	KM-16
	8/5/2009	8/5/2009	8/5/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/5/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/7/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009
Depth (feet bgs)	1.5 to 2	5.5 to 6	1.5 to 2	2 to 2.5	6 to 6.5	1.5 to 2	4 to 4.2	1.8 to 2	6.8 to 7	1.8 to 2	6.8 to 7	1.5 to 2	1.2 to 1.5	5.2 to 5.5	1.8 to 2	6.8 to 7	1.8 to 2	1.2 to 1.5	1.8 to 2	3.8 to 4	3.8 to 4	7.8 to 8
Metals																						
Arsenic	13 U	--	11 U	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	11 U	10 U	11 U	13 U	--	11 U	11 U	11 U	15	14	--
Barium	--	--	--	24	20	37	26	75	41	61	28	--	110	26	380	--	16	35	92	390	400	--
Cadmium	1.8	--	0.73	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	0.54 U	1.8	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Chromium	17	--	10	6.1	6.3	10	8.4	32	8	20	7.4	6.2		7.4	9.4	--	7	23	21	26	44	--
Copper	59	--	21	--	--	--	--	--	--	--	--	8.5		--	--	--	--	--	--	--	--	--
Lead	370	5.3 U	26	6.4 U	5.3 U	5.4 U	5.3 U	24	5.7 U	12	5.4 U	5.4 U	700	17	44	--	5.3 U	5.3 U	66	410	14	--
Mercury	0.31 U	--	0.26 U	0.32 U	0.26 U	0.27 U	0.27 U	0.37 U	0.29 U	0.32 U	0.27 U	0.27 U	0.26 U	0.27 U	0.32 U	--	0.26 U	0.26 U	0.28 U	0.83	0.27 U	--
Nickel	14	--	9.1	--	--	--	--	--	--	--	--	5.9		--		--	--	--	--	--	--	--
Selenium	--	--	--	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	--	10 U	11 U	13 U	--	11 U	11 U	11 U	12 U	11 U	--
Silver	--	--	--	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	--	0.52 U	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Zinc	150	--	40	--	--	--	--	--	--	--	--	16			--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.047	--	0.016	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.5	0.0072 U	0.0072 U	2.0	1.1	0.36	--	0.007 U	0.007 U	0.11	0.2	3.6	0.014 UJ
Benzyl alcohol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
bis(2-Chloroethoxy)methane	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
bis(2-Chloroethyl)ether	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
bis(2-Chloroisopropyl)ether	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
bis(2-Ethylhexyl)phthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.042	0.052	0.18 U	0.035 UJ
bis-2-Ethylhexyladipate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.095 J
Butylbenzylphthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Carbazole	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.85	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Chrysene	0.13	--	0.029	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.64	0.013	0.0072 U	3.2	2	0.5	--	0.007 U	0.007 U	0.16	0.27	4	0.014 UJ
Dibenz(a,h)anthracene	0.042 U	--	0.0084	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.1	0.0072 U	0.0072 U	0.5	0.35 U	0.21 U	--	0.007 U	0.007 U	0.04	0.081	2.1	0.014 UJ
Dibenzofuran	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	1.4	1.5	0.38	--	0.18 U	0.035 U	0.037 U	0.044	0.18 U	0.035 UJ
Diethylphthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Dimethylphthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Di-n-butylphthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Di-n-octylphthalate	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Fluoranthene	0.15	--	0.03	0.0085 U	0.01	0.011	0.012	0.025	0.0077 U	1.1	0.04	0.0072 U	7.7	5.3	1.4	--	0.007 U	0.007 U	0.21	0.3	2	0.014 UJ
Fluorene	0.042 U	--	0.007 U	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.034	0.01	0.0072 U	3.0	3.6	1	--	0.007 U	0.007 U	0.023	0.013	0.073	0.014 UJ
Hexachlorobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Hexachlorobutadiene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Hexachlorocyclopentadiene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Hexachloroethane	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Indeno(1,2,3-cd)pyrene	0.054	--	0.022	0.0085 U	0.007 U	0.0072 U	0.0071 U	0.0098 U	0.0077 U	0.51	0.0082	0.0072 U	1.3	0.72	0.29	--	0.007 U	0.007 U	0.11	0.24	4.6	0.014 UJ
Isophorone	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Naphthalene	0.042 U	--	0.007 U	0.015	0.052	0.0072 U	0.023	0.14	0.0077 U	0.13	0.69	0.0072 U	71	1.1	1	--	0.007 U	0.007 U	0.025	0.086	0.07	0.014 UJ
Nitrobenzene	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
N-Nitrosodimethylamine	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
N-Nitroso-di-n-propylamine	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
N-Nitrosodiphenylamine	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Pentachlorophenol	1 U	--	0.18 U	1.1 U	0.88 U	0.9 U	0.89 U	2.5 U	0.96 U	2.2 U	1.8 U	0.18 U	1.7 U	1.8 U	1.1 U	--	0.88 U	0.18 U	0.19 U	0.2 U	0.91 U	0.18 UJ
Phenanthrene	0.14	--	0.01	0.0085 U	0.015	0.014	0.014	0.017	0.0077 U	0.45	0.034	0.0072 U	8.9	9.1	3.5	--	0.007 U	0.007 U	0.16	0.2	0.89	0.014 UJ
Phenol	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Pyrene	0.16	--	0.029	0.0085 U	0.012	0.012	0.013	0.024	0.0077 U	1.2	0.054	0.0072 U	7.4	4.7	1.8	--	0.007 U	0.007 U	0.24	0.29	1.9	0.014 UJ
Pyridine	0.21 U	--	0.035 U	0.21 U	0.18 U	0.18 U	0.18 U	0.49 U	0.19 U	0.43 U	0.36 U	0.036 U	0.34 U	0.35 U	0.21 U	--	0.18 U	0.035 U	0.037 U	0.04 U	0.18 U	0.035 UJ
Tota cPAHs	0.143	--	0.044	0.006 U	0.005 U	0.005 U	0.005 U	0.007 U	0.006 U	1.02	0.019	0.005 U		1.80	0.698	--	0.005 U	0.005 U	0.204	0.348	5.66	0.011 U
Total Petroleum Hydrocarbons																						
Gasoline Range Organics	8.1 U	--	5.4 U	35	4400	110	1200	1200	2300	80	8400	5.2 U	11,000	5400	300	5.1 U	5 U	5.4 U	8	7.2 U	5.9 U	5.2 UJ
Diesel Range Organics	35	--	26 U	32 U	840 U	27 U	36 U	94 U	920 U	34	2200 U	27 U	5,600	2700	1100	--	26 U	26 U	35	38	27 U	--
Lube Oil	330	--	53 U	64 U	53 U	54 U	53 U	97	57 U	140	54 U	54 U	2,200	280	440	--	53 U	53 U	130	210	160	--
Volatile Organic Compounds																						
1,1,1,2-Tetrachloroethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,1,1-Trichloroethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,1,2,2-Tetrachloroethane	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,1,2-Trichloroethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,1-Dichloroethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.02	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,1-Dichloroethene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,1-Dichloropropene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,2,3-Trichlorobenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,2,3-Trichloropropane	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,2,4-Trichlorobenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

all concentrations in milligrams per kilogram (mg/kg)

Analyte	Phase II Investigation Samples																					
	KM-1	KM-1	KM-2	KM-5	KM-5	KM-6	KM-6	KM-7	KM-7	KM-8	KM-8	KM-9	KM-10	KM-10	KM-11	KM-11	KM-12	KM-13	KM-14	KM-15	KM-16	KM-16
	8/5/2009	8/5/2009	8/5/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/5/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/7/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009
Depth (feet bgs)	1.5 to 2	5.5 to 6	1.5 to 2	2 to 2.5	6 to 6.5	1.5 to 2	4 to 4.2	1.8 to 2	6.8 to 7	1.8 to 2	6.8 to 7	1.5 to 2	1.2 to 1.5	5.2 to 5.5	1.8 to 2	6.8 to 7	1.8 to 2	1.2 to 1.5	1.8 to 2	3.8 to 4	3.8 to 4	7.8 to 8
Metals																						
Arsenic	13 U	--	11 U	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	11 U	10 U	11 U	13 U	--	11 U	11 U	11 U	15	14	--
Barium	--	--	--	24	20	37	26	75	41	61	28	--	110	26	380	--	16	35	92	390	400	--
Cadmium	1.8	--	0.73	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	0.54 U	1.8	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Chromium	17	--	10	6.1	6.3	10	8.4	32	8	20	7.4	6.2		7.4	9.4	--	7	23	21	26	44	--
Copper	59	--	21	--	--	--	--	--	--	--	--	8.5		--	--	--	--	--	--	--	--	--
Lead	370	5.3 U	26	6.4 U	5.3 U	5.4 U	5.3 U	24	5.7 U	12	5.4 U	5.4 U	700	17	44	--	5.3 U	5.3 U	66	410	14	--
Mercury	0.31 U	--	0.26 U	0.32 U	0.26 U	0.27 U	0.27 U	0.37 U	0.29 U	0.32 U	0.27 U	0.27 U	0.26 U	0.27 U	0.32 U	--	0.26 U	0.26 U	0.28 U	0.83	0.27 U	--
Nickel	14	--	9.1	--	--	--	--	--	--	--	--	5.9		--		--	--	--	--	--	--	--
Selenium	--	--	--	13 U	11 U	11 U	11 U	15 U	11 U	13 U	11 U	--	10 U	11 U	13 U	--	11 U	11 U	11 U	12 U	11 U	--
Silver	--	--	--	0.64 U	0.53 U	0.54 U	0.53 U	0.74 U	0.57 U	0.65 U	0.54 U	--	0.52 U	0.53 U	0.63 U	--	0.53 U	0.53 U	0.56 U	0.6 U	0.54 U	--
Zinc	150	--	40	--	--	--	--	--	--	--	--	16			--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	1.3	3.6	0.072 U	0.16	27	0.0013 U	120	0.5	0.0088 J	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,2-Dibromo-3-chloropropane	0.0069 UJ	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 UJ	--	0.006 U	0.0049 U	0.0051 U	0.0059 UJ	0.0064 UJ	0.006 UJ
1,2-Dibromoethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,2-Dichlorobenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,2-Dichloroethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,2-Dichloropropane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,3,5-Trimethylbenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.35	2 U	0.072 U	0.081 U	10	0.0013 U	39	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,3-Dichlorobenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
1,3-Dichloropropane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
1,4-Dichlorobenzene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
2,2-Dichloropropane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
2-Chloroethylvinylether	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
2-Chlorotoluene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
2-Hexanone	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 UJ	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
4-Chlorotoluene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
Acetone	0.16	--	0.0052 U	0.076	1.5 U	0.32 U	0.31 U	9.9 U	0.36	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.35	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Benzene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.13	2.4 U	0.0013 U	1.2 U	0.31 U	0.0064	0.02 U	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Bromobenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
Bromochloromethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Bromoform	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Bromomethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Carbon Disulfide	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Carbon Tetrachloride	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Chlorobenzene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Chloroethane	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Chloroform	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Chloromethane	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Cis-1,2-Dichloroethene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Cis-1,3-Dichloropropene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Dibromochloromethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Dibromomethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Dichlorobromomethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Dichlorodifluoromethane	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Ethylbenzene	0.0014 U	--	0.001 U	0.0061	23	0.064 U	8.3	57	0.072 U	0.45	330	0.0013 U	440	2.6	0.0032 J	0.051 U	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Hexachlorobutadiene	0.0069 UJ	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 UJ	--	0.006 U	0.0049 U	0.0051 U	0.0059 UJ	0.0064 UJ	0.006 UJ
Iodomethane	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Isopropylbenzene	0.0014 U	--	0.001 U	0.015	1.6	0.064 U	0.77	2 U	0.25	0.085	6.4	0.0013 U	13	2.7	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
m,p-Xylene	0.0028 U	--	0.0021 U	0.0031 U	0.59 U	0.13 U	11	210	0.14 U	7.4	590	0.0027 U	2,400	11	0.021 J	0.051 U	0.0024 U	0.0019 U	0.002 U	0.0024 U	0.0026 U	0.0024 UJ
Methyl ethyl ketone	0.022	--	0.0052 U	0.011	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Methyl Isobutyl Ketone	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	47	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Methyl t-Butyl Ether	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Methylene Chloride	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Naphthalene	0.0014 UJ	--	0.001 U	0.0038	0.3 U	0.064 U	0.21	2 U	0.072 U	0.14	2.4 U	0.0013 U	150	1.9	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
n-Butylbenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.55	0.064 U	0.062 U	2 U	0.19	0.081 U	2.4 U	0.0013 U	13	1.8	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
n-Propylbenzene	0.0014 UJ	--	0.001 U	0.016	1.7	0.064 U	0.9	2 U	0.4	0.081 U	7.5	0.0013 U	17	3.6	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
o-Xylene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	1.8	59	0.072 U	0.081 U	2.4 U	0.0013 U	660	2.7	0.0056 J	0.051 U	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
p-Isopropyltoluene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.088	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	9.7	0.31 U	0.006 J	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
sec-Butylbenzene	0.0014 UJ	--	0.001 U	0.003	0.36	0.064 U	0.14	2 U	0.12	0.081 U	2.4 U	0.0013 U	7.3	1.1	0.0079 J	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
Styrene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
tert-Butylbenzene	0.0014 UJ	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0072 J	--	0.0012 U	0.00097 U	0.001 U	0.0012 UJ	0.0013 UJ	0.0012 UJ
Tetrachloroethene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0043	0.0013 U	0.0012 UJ
Toluene	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.33	1200	0.36 U	0.41 U	12 U	0.0067 U	1.2 U	1.6 U	0.0091 U	0.051 U	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Trans-1,2-Dichloroethene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Trans-1,3-Dichloropropene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 UJ	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ
Trichloroethene	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.011	0.0012 UJ
Trichlorofluoromethane	0.0014 U	--	0.0036	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0026	1.2 U	0.31 U	0.0042	--	0.0012 U	0.00097 U	0.0021	0.0024	0.002	0.0012 UJ
Vinyl Acetate	0.0069 U	--	0.0052 U	0.0078 U	1.5 U	0.32 U	0.31 U	9.9 U	0.36 U	0.41 U	12 U	0.0067 U	5.8 U	1.6 U	0.0091 U	--	0.006 U	0.0049 U	0.0051 U	0.0059 U	0.0064 U	0.006 UJ
Vinyl Chloride	0.0014 U	--	0.001 U	0.0016 U	0.3 U	0.064 U	0.062 U	2 U	0.072 U	0.081 U	2.4 U	0.0013 U	1.2 U	0.31 U	0.0018 U	--	0.0012 U	0.00097 U	0.001 U	0.0012 U	0.0013 U	0.0012 UJ

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation																
	Product-S Wall	Product-E1 Wall	Product-E2 Wall	Product-N Wall	Product-W1b Wall	Product-W2b Wall	Tank 1-B	Tank 2-B	Tank 3-B	Tank 4-B2	Tank 5-B	Tank 6-B	Tank 7-B	Tank 8-B	Tank 9-B	Containment-E Wall	Containment-N Wall
	10/20/2009	10/22/2009	10/22/2009	10/22/2009	11/13/2009	11/13/2009	10/27/2009	10/27/2009	10/20/2009	11/13/2009	10/21/2009	10/21/2009	10/22/2009	10/22/2009	10/22/2009	10/27/2009	10/27/2009
Depth (feet bgs)	9 to 9	9 to 9	9 to 9	9 to 9	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5
Metals																	
Arsenic	12 U	11 U	12 U	13 U	11 U	11 U	13 U	12 U	12 U	--	12 U	11 U	11 U	12 U	12 U	12 U	13 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.56 U	0.58 U	0.64 U	0.56 U	0.54 U	0.65 U	0.62 U	0.58 U	--	0.6 U	0.56 U	0.57 U	0.59 U	0.61 U	0.59 U	0.63 U
Chromium	5.6	13	18	7.2	9	9.4	9.5	8.9	16	--	11	7.8	13	15	17	21	7.2
Copper	5.3	28	26	9.3	7.2	8.8	8.9	9.5	26	--	25	9.3	33	30	13	13	7
Lead	6.1 U	5.6 U	5.8 U	6.4 U	5.6 U	5.4 U	6.5 U	6.2 U	5.8 U	--	6 U	5.6 U	5.7 U	5.9 U	7.2	5.9 U	6.3 U
Mercury	0.3 U	0.28 U	0.29 U	0.32 U	0.28 U	0.27 U	0.32 U	0.31 U	0.29 U	--	0.3 U	0.28 U	0.29 U	0.29 U	0.31 U	0.3 U	0.31 U
Nickel	5.2	13	14	6.6	6.9	9.3	11	11	15	--	12	8.8	13	15	22	25	4.1
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	14	24	25	140	16	17	21	23	27	--	23	25	29	27	95	31	17
Polychlorinated Biphenyls																	
Aroclor 1016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																	
(3+4)-Methylphenol (m,p-Cresol)	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,2,4-Trichlorobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,2-Dichlorobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,2-Dinitrobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,2-Diphenylhydrazine	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,3-Dichlorobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,3-Dinitrobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,4-Dichlorobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1,4-Dinitrobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
1-Methylnaphthalene	0.0081 U	0.0075 U	0.0077 U	0.012	0.0075 U	0.0085	0.18	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.0085	0.0076 U	0.0078 U	0.0074 U	0.081	0.0083 U
2,3,4,6-Tetrachlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,3,5,6-Tetrachlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,3-Dichloroaniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,4,5-Trichlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,4,6-Trichlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,4-Dichlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,4-Dimethylphenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,4-Dinitrophenol	0.2 U	0.19 U	0.19 U	0.21 U	0.19 U	0.18 U	0.22 U	0.21 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.21 U
2,4-Dinitrotoluene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2,6-Dinitrotoluene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2-Chloronaphthalene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2-Chlorophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2-Methylnaphthalene	0.0081 U	0.0075 U	0.0077 U	0.019	0.0075 U	0.011	0.3	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.013	0.0076 U	0.0078 U	0.0099	0.15	0.0083 U
2-Methylphenol (o-Cresol)	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2-Nitroaniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
2-Nitrophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
3,3'-Dichlorobenzidine	0.41 U	0.37 U	0.38 U	0.42 U	0.37 U	0.36 U	0.43 U	0.42 U	0.39 U	0.4 U	0.4 U	0.37 U	0.38 U	0.39 U	0.37 U	0.4 U	0.42 U
3-Nitroaniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4,6-Dinitro-2-methylphenol	0.2 U	0.19 U	0.19 U	0.21 U	0.19 U	0.18 U	0.22 U	0.21 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.21 U
4-Bromophenyl-phenylether	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4-Chloro-3-methylphenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4-Chloroaniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4-Chlorophenyl-phenylether	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4-Nitroaniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
4-Nitrophenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Acenaphthene	0.0081 U	0.0075 U	0.0077 U	0.025	0.0075 U	0.0072 U	0.69	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.0075 U	0.0076 U	0.0078 U	0.052	0.58	0.0083 U
Acenaphthylene	0.0081 U	0.0075 U	0.0077 U	0.0084 U	0.0075 U	0.0072 U	0.043 U	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U	0.04 U	0.0083 U
Aniline	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Anthracene	0.0081 U	0.0075 U	0.0077 U	0.064	0.0075 U	0.014	0.043 U	0.0083 U	0.01	0.0079 U	0.0079 U	0.022	0.0076 U	0.0078 U	0.041	0.49	0.0083 U
Benzidine	0.41 U	0.37 U	0.38 U	0.42 U	0.37 U	0.36 U	0.43 U	0.42 U	0.39 U	0.4 U	0.4 U	0.37 U	0.38 U	0.39 U	0.37 U	0.4 U	0.42 U
Benzo(a)anthracene	0.0081 U	0.0075 U	0.0077 U	0.16	0.0075 U	0.043	0.068	0.0083 U	0.061	0.045	0.0079 U	0.1	0.011	0.022	0.086	0.32	0.0083 U
Benzo(a)pyrene	0.0081 U	0.0075 U	0.0077 U	0.13	0.0075 U	0.058	0.09	0.0083 U	0.079	0.054	0.0079 U	0.09	0.013	0.025	0.084	0.3	0.0083 U
Benzo(b)fluoranthene	0.0088	0.0075 U	0.0077 U	0.18	0.0075 U	0.044	0.12	0.0083 U	0.13	0.076	0.0079 U	0.12	0.024	0.066	0.11	0.38	0.0083 U
Benzo(ghi)perylene	0.0081 U	0.0075 U	0.0077 U	0.079	0.0075 U	0.049	0.085	0.0083 U	0.08	0.055	0.0079 U	0.061	0.011	0.024	0.069	0.23	0.0083 U

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation																
	Product-S Wall	Product-E1 Wall	Product-E2 Wall	Product-N Wall	Product-W1b Wall	Product-W2b Wall	Tank 1-B	Tank 2-B	Tank 3-B	Tank 4-B2	Tank 5-B	Tank 6-B	Tank 7-B	Tank 8-B	Tank 9-B	Containment-E Wall	Containment-N Wall
	10/20/2009	10/22/2009	10/22/2009	10/22/2009	11/13/2009	11/13/2009	10/27/2009	10/27/2009	10/20/2009	11/13/2009	10/21/2009	10/21/2009	10/22/2009	10/22/2009	10/22/2009	10/27/2009	10/27/2009
Depth (feet bgs)	9 to 9	9 to 9	9 to 9	9 to 9	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5
Metals																	
Arsenic	12 U	11 U	12 U	13 U	11 U	11 U	13 U	12 U	12 U	--	12 U	11 U	11 U	12 U	12 U	12 U	13 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.56 U	0.58 U	0.64 U	0.56 U	0.54 U	0.65 U	0.62 U	0.58 U	--	0.6 U	0.56 U	0.57 U	0.59 U	0.61 U	0.59 U	0.63 U
Chromium	5.6	13	18	7.2	9	9.4	9.5	8.9	16	--	11	7.8	13	15	17	21	7.2
Copper	5.3	28	26	9.3	7.2	8.8	8.9	9.5	26	--	25	9.3	33	30	13	13	7
Lead	6.1 U	5.6 U	5.8 U	6.4 U	5.6 U	5.4 U	6.5 U	6.2 U	5.8 U	--	6 U	5.6 U	5.7 U	5.9 U	7.2	5.9 U	6.3 U
Mercury	0.3 U	0.28 U	0.29 U	0.32 U	0.28 U	0.27 U	0.32 U	0.31 U	0.29 U	--	0.3 U	0.28 U	0.29 U	0.29 U	0.31 U	0.3 U	0.31 U
Nickel	5.2	13	14	6.6	6.9	9.3	11	11	15	--	12	8.8	13	15	22	25	4.1
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	14	24	25	140	16	17	21	23	27	--	23	25	29	27	95	31	17
Benzo(j,k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.0081 U	0.0075 U	0.0077 U	0.063	0.0075 U	0.043	0.043 U	0.0083 U	0.043	0.057	0.0079 U	0.037	0.0076 U	0.016	0.037	0.14	0.0083 U
Benzyl alcohol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
bis(2-Chloroethoxy)methane	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
bis(2-Chloroethyl)ether	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
bis(2-Chloroisopropyl)ether	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
bis(2-Ethylhexyl)phthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.049	0.17	0.042 U
bis-2-Ethylhexyladipate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Butylbenzylphthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Carbazole	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.33	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.041	0.22	0.042 U
Chrysene	0.0081 U	0.0075 U	0.0077 U	0.23	0.0075 U	0.054	0.083	0.0083 U	0.083	0.065	0.0079 U	0.12	0.014	0.041	0.11	0.35	0.0083 U
Dibenz(a,h)anthracene	0.0081 U	0.0075 U	0.0077 U	0.024	0.0075 U	0.0083	0.043 U	0.0083 U	0.02	0.012	0.0079 U	0.017	0.0076 U	0.0093	0.015	0.06	0.0083 U
Dibenzofuran	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.17	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.29	0.042 U
Diethylphthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Dimethylphthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Di-n-butylphthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Di-n-octylphthalate	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Fluoranthene	0.017	0.0075 U	0.0077 U	0.52	0.0098	0.11	0.095	0.0083 U	0.1	0.049	0.0079 U	0.25	0.0098	0.018	0.28	1.2	0.0083 U
Fluorene	0.0081 U	0.0075 U	0.0077 U	0.05	0.0075 U	0.0076	0.27	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.01	0.0076 U	0.0078 U	0.058	0.46	0.0083 U
Hexachlorobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Hexachlorobutadiene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Hexachlorocyclopentadiene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Hexachloroethane	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Indeno(1,2,3-cd)pyrene	0.0081 U	0.0075 U	0.0077 U	0.062	0.0075 U	0.04	0.067	0.0083 U	0.067	0.047	0.0079 U	0.052	0.0091	0.021	0.052	0.22	0.0083 U
Isophorone	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Naphthalene	0.0081 U	0.0075 U	0.0077 U	0.028	0.0075 U	0.014	0.06	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.026	0.0076 U	0.0078 U	0.024	0.079	0.0083 U
Nitrobenzene	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
N-Nitrosodimethylamine	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
N-Nitroso-di-n-propylamine	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
N-Nitrosodiphenylamine	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Pentachlorophenol	0.2 U	0.19 U	0.19 U	0.21 U	0.19 U	0.18 U	0.22 U	0.21 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.21 U
Phenanthrene	0.0081 U	0.0075 U	0.0077 U	0.75	0.012	0.049	0.22	0.0083 U	0.01	0.011	0.0079 U	0.11	0.0076 U	0.0078 U	0.14	2	0.0083 U
Phenol	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Pyrene	0.016	0.0075 U	0.0077 U	0.44	0.011	0.14	0.094	0.0083 U	0.093	0.056	0.0079 U	0.25	0.0096	0.017	0.25	0.95	0.0083 U
Pyridine	0.041 U	0.037 U	0.038 U	0.042 U	0.037 U	0.036 U	0.043 U	0.042 U	0.039 U	0.04 U	0.04 U	0.037 U	0.038 U	0.039 U	0.037 U	0.04 U	0.042 U
Tota cPAHs	0.007	0.006 U	0.006 U	0.181	0.006 U	0.076	0.121	0.006 U	0.112	0.078	0.006 U	0.124	0.018	0.038	0.115	0.416	0.006 U
Total Petroleum Hydrocarbons																	
Gasoline Range Organics	9.8	6.7 U	6.3 U	100	120	760	7.4 U	54	6.7 U	--	7.6 U	180	5.3 U	7 U	28	58	16
Diesel Range Organics	30 U	28 U	29 U	32 U	28 U	97 U	44 U	31 U	29 U	--	30 U	30	29 U	29 U	88 U	30 U	31 U
Lube Oil	61 U	56 U	58 U	64 U	56 U	54 U	65 U	62 U	58 U	--	60 U	56 U	57 U	59 U	61 U	220	63 U
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1,1-Trichloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1,2,2-Tetrachloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1,2-Trichloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1-Dichloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1-Dichloroethene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,1-Dichloropropene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2,3-Trichlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2,3-Trichloropropane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2,4-Trichlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation																
	Product-S Wall	Product-E1 Wall	Product-E2 Wall	Product-N Wall	Product-W1b Wall	Product-W2b Wall	Tank 1-B	Tank 2-B	Tank 3-B	Tank 4-B2	Tank 5-B	Tank 6-B	Tank 7-B	Tank 8-B	Tank 9-B	Containment-E Wall	Containment-N Wall
	10/20/2009	10/22/2009	10/22/2009	10/22/2009	11/13/2009	11/13/2009	10/27/2009	10/27/2009	10/20/2009	11/13/2009	10/21/2009	10/21/2009	10/22/2009	10/22/2009	10/22/2009	10/27/2009	10/27/2009
Depth (feet bgs)	9 to 9	9 to 9	9 to 9	9 to 9	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5
Metals																	
Arsenic	12 U	11 U	12 U	13 U	11 U	11 U	13 U	12 U	12 U	--	12 U	11 U	11 U	12 U	12 U	12 U	13 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.56 U	0.58 U	0.64 U	0.56 U	0.54 U	0.65 U	0.62 U	0.58 U	--	0.6 U	0.56 U	0.57 U	0.59 U	0.61 U	0.59 U	0.63 U
Chromium	5.6	13	18	7.2	9	9.4	9.5	8.9	16	--	11	7.8	13	15	17	21	7.2
Copper	5.3	28	26	9.3	7.2	8.8	8.9	9.5	26	--	25	9.3	33	30	13	13	7
Lead	6.1 U	5.6 U	5.8 U	6.4 U	5.6 U	5.4 U	6.5 U	6.2 U	5.8 U	--	6 U	5.6 U	5.7 U	5.9 U	7.2	5.9 U	6.3 U
Mercury	0.3 U	0.28 U	0.29 U	0.32 U	0.28 U	0.27 U	0.32 U	0.31 U	0.29 U	--	0.3 U	0.28 U	0.29 U	0.29 U	0.31 U	0.3 U	0.31 U
Nickel	5.2	13	14	6.6	6.9	9.3	11	11	15	--	12	8.8	13	15	22	25	4.1
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	14	24	25	140	16	17	21	23	27	--	23	25	29	27	95	31	17
1,2,4-Trimethylbenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.042	0.12	0.0012 U	0.11	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.14	0.057
1,2-Dibromo-3-chloropropane	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
1,2-Dibromoethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2-Dichlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2-Dichloroethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,2-Dichloropropane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,3,5-Trimethylbenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.018	0.071	0.0012 U	0.13	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.023
1,3-Dichlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,3-Dichloropropane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
1,4-Dichlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
2,2-Dichloropropane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
2-Chloroethylvinylether	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
2-Chlorotoluene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
2-Hexanone	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
4-Chlorotoluene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Acetone	0.032	0.0092	0.0089	0.37 U	0.21	0.3 U	0.028	0.055	0.014	--	0.016	0.28 U	3.5	10	0.04	0.33 U	0.034
Benzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.0016
Bromobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Bromochloromethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Bromoform	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Bromomethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Carbon Disulfide	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0097	0.006	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Carbon Tetrachloride	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Chlorobenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Chloroethane	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Chloroform	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Chloromethane	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Cis-1,2-Dichloroethene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Cis-1,3-Dichloropropene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Dibromochloromethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Dibromomethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Dichlorobromomethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Dichlorodifluoromethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Ethylbenzene	0.0014 U	0.001 U	0.0011 U	0.099	0.67	1.2	0.009	1.3	0.019	--	0.0012	0.083	0.00093 U	0.0056	0.0012 U	0.5	0.71
Hexachlorobutadiene	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Iodomethane	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Isopropylbenzene	0.0014 U	0.0076	0.0011 U	0.42	0.19	0.44	0.0072	0.12	0.00096 U	--	0.0011 U	0.073	0.00093 U	0.001 U	0.0012 U	1.5	0.035
m,p-Xylene	0.0027 U	0.0021 U	0.0022 U	0.15 U	0.018	2.1	0.011	2.6	0.089	--	0.005	0.28	0.0019 U	0.024	0.0024 U	1	0.99
Methyl ethyl ketone	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.033	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.006	0.33 U	0.005 U
Methyl Isobutyl Ketone	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Methyl t-Butyl Ether	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Methylene Chloride	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Naphthalene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.003	0.059 U	0.0012 U	0.18	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.075	0.007
n-Butylbenzene	0.0014 U	0.001 U	0.0011 U	0.19	0.038	0.087	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.52	0.0054
n-Propylbenzene	0.0014 U	0.0038	0.0011 U	0.47	0.33	0.52	0.0083	0.18	0.00096 U	--	0.0011 U	0.13	0.00093 U	0.001 U	0.0012 U	2.2	0.061
o-Xylene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.28	0.0012 U	0.58	0.032	--	0.0017	0.055 U	0.00093 U	0.0086	0.0012 U	0.065 U	0.21
p-Isopropyltoluene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0072	0.059 U	0.0012 U	0.014	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.0018
sec-Butylbenzene	0.0014 U	0.0012	0.0011 U	0.15	0.063	0.093	0.0013	0.044	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.38	0.0058
Styrene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
tert-Butylbenzene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0043	0.059 U	0.0012 U	0.0026	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Tetrachloroethene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Toluene	0.0069 U	0.014	0.0055 U	0.37 U	0.0057 U	0.47	0.0062 U	0.095	0.0048 U	--	0.03	0.3	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.059
Trans-1,2-Dichloroethene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Trans-1,3-Dichloropropene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Trichloroethene	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Trichlorofluoromethane	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U
Vinyl Acetate	0.0069 U	0.0052 U	0.0055 U	0.37 U	0.0057 U	0.3 U	0.0062 U	0.0066 U	0.0048 U	--	0.0054 U	0.28 U	0.0046 U	0.0052 U	0.0059 U	0.33 U	0.005 U
Vinyl Chloride	0.0014 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.059 U	0.0012 U	0.0013 U	0.00096 U	--	0.0011 U	0.055 U	0.00093 U	0.001 U	0.0012 U	0.065 U	0.001 U

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation (cont)										December 2009 Additional Investigation					
	Containment-S Wall	Containment-W Wall	Containment-N Wall	Pipe-1	Pipe-C1	B7-Trench-1	B7-Trench-2	B7-Trench-3	TP4-1	TP4-8	KM-17	KM-17	KM-19	KM-19	KM-20	KM-20
	10/27/2009	10/28/2009	10/28/2009	10/28/2009	11/17/2009	11/24/2009	11/24/2009	11/24/2009	11/13/2009	11/13/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009
Depth (feet bgs)	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	5.5 to 5.5	5.5 to 5.5	2.5 to 2.5	2.5 to 2.5	2.5 to 2.5	1 to 1	8 to 8	1.5 to 2	6.2 to 6.8	3.5 to 4	6 to 6.5	1 to 1.2	6.5 to 7
Metals																
Arsenic	12 U	12 U	17 U	--	11 U	11 U	11 U	11 U	14 U	11 U	--	--	--	--	--	--
Barium	--	--	--	--	--	37	39	93	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.58 U	0.87 U	--	0.56 U	0.54 U	0.56 U	1.8	0.68 U	0.55 U	--	--	--	--	--	--
Chromium	24	12	26	--	18	19	16	15	13	6.8	--	--	--	--	--	--
Copper	11	20	39	--	15	--	--	--	110	8.1	--	--	--	--	--	--
Lead	6.1 U	34	21	--	9.8	34	25	200	52	5.5 U	--	--	--	--	--	--
Mercury	0.3 U	0.29 U	0.44 U	--	0.28 U	0.28	0.28 U	0.28 U	0.34 U	0.28 U	--	--	--	--	--	--
Nickel	27	12	25	--	22	--	--	--	25	6.8	--	--	--	--	--	--
Selenium	--	--	--	--	--	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	0.54 U	0.56 U	0.56 U	--	--	--	--	--	--	--	--
Zinc	26	55	100	--	68	--	--	--	67	18	--	--	--	--	--	--
Polychlorinated Biphenyls																
Aroclor 1016	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	0.054 U	0.056 U	0.056 U	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	0.054 U	0.056 U	0.092	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																
(3+4)-Methylphenol (m,p-Cresol)	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.22	0.046 U	0.037 U	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,2-Dichlorobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,2-Dinitrobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,2-Diphenylhydrazine	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,3-Dichlorobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,3-Dinitrobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,4-Dichlorobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1,4-Dinitrobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
1-Methylnaphthalene	0.0098	0.15	--	0.013	0.0075 U	3.6 U	3.7 UJ	0.24	0.0091 U	0.018	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,3-Dichloroaniline	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,4,6-Trichlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,4-Dichlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,4-Dimethylphenol	0.13	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.22	0.046 U	0.037 U	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 U	0.19 U	--	0.29 U	0.19 U	0.9 U	0.94 UJ	0.94 U	0.23 U	0.18 U	--	--	--	--	--	--
2,4-Dinitrotoluene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2,6-Dinitrotoluene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2-Chloronaphthalene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2-Chlorophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2-Methylnaphthalene	0.016	0.28	--	0.011	0.0075 U	3.6 U	7.4 J	0.46	0.0091 U	0.04	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2-Nitroaniline	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
2-Nitrophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
3,3'-Dichlorobenzidine	0.41 U	0.39 U	--	0.57 U	0.37 U	1.8 U	1.9 UJ	1.9 U	0.46 U	0.37 U	--	--	--	--	--	--
3-Nitroaniline	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	0.2 U	0.19 U	--	0.29 U	0.19 U	0.9 U	0.94 UJ	0.94 U	0.23 U	0.18 U	--	--	--	--	--	--
4-Bromophenyl-phenylether	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4-Chloroaniline	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4-Chlorophenyl-phenylether	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4-Nitroaniline	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
4-Nitrophenol	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Acenaphthene	0.051	0.83	--	0.011 U	0.01	0.19	0.51 J	0.2	0.0091 U	0.0073 U	--	--	--	--	--	--
Acenaphthylene	0.0081 U	0.039 U	--	0.011 U	0.0075 U	0.18 U	0.19 UJ	2.4	0.0091 U	0.0073 U	--	--	--	--	--	--
Aniline	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Anthracene	0.064	0.95	--	0.011 U	0.021	0.18 U	0.19 UJ	5.9	0.0091 U	0.0084	--	--	--	--	--	--
Benzidine	0.41 U	0.39 U	--	0.57 U	0.37 U	1.8 U	1.9 UJ	1.9 U	0.46 U	0.37 U	--	--	--	--	--	--
Benzo(a)anthracene	0.046	0.67	--	0.017	0.028	2	7.4 J	20	0.034	0.017	--	--	--	--	--	--
Benzo(a)pyrene	0.042	0.68	--	0.025	0.039	2	7.2 J	21	0.055	0.013	--	--	--	--	--	--
Benzo(b)fluoranthene	0.062	0.82	--	0.037	0.038	2.8	12 J	22	0.061	0.016	--	--	--	--	--	--
Benzo(ghi)perylene	0.034	0.51	--	0.031	0.041	1.6	7.2 J	16	0.05	0.012	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation (cont)										December 2009 Additional Investigation					
	Containment-S Wall	Containment-W Wall	Containment-N Wall	Pipe-1	Pipe-C1	B7-Trench-1	B7-Trench-2	B7-Trench-3	TP4-1	TP4-8	KM-17	KM-17	KM-19	KM-19	KM-20	KM-20
	10/27/2009	10/28/2009	10/28/2009	10/28/2009	11/17/2009	11/24/2009	11/24/2009	11/24/2009	11/13/2009	11/13/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009
Depth (feet bgs)	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	5.5 to 5.5	5.5 to 5.5	2.5 to 2.5	2.5 to 2.5	2.5 to 2.5	1 to 1	8 to 8	1.5 to 2	6.2 to 6.8	3.5 to 4	6 to 6.5	1 to 1.2	6.5 to 7
Metals																
Arsenic	12 U	12 U	17 U	--	11 U	11 U	11 U	11 U	14 U	11 U	--	--	--	--	--	--
Barium	--	--	--	--	--	37	39	93	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.58 U	0.87 U	--	0.56 U	0.54 U	0.56 U	1.8	0.68 U	0.55 U	--	--	--	--	--	--
Chromium	24	12	26	--	18	19	16	15	13	6.8	--	--	--	--	--	--
Copper	11	20	39	--	15	--	--	--	110	8.1	--	--	--	--	--	--
Lead	6.1 U	34	21	--	9.8	34	25	200	52	5.5 U	--	--	--	--	--	--
Mercury	0.3 U	0.29 U	0.44 U	--	0.28 U	0.28	0.28 U	0.28 U	0.34 U	0.28 U	--	--	--	--	--	--
Nickel	27	12	25	--	22	--	--	--	25	6.8	--	--	--	--	--	--
Selenium	--	--	--	--	--	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	0.54 U	0.56 U	0.56 U	--	--	--	--	--	--	--	--
Zinc	26	55	100	--	68	--	--	--	67	18	--	--	--	--	--	--
Benzo(j,k)fluoranthene			--								--	--	--	--	--	--
Benzo(k)fluoranthene	0.016	0.29	--	0.013	0.029	2.3	6.9 J	19	0.04	0.013	--	--	--	--	--	--
Benzyl alcohol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
bis(2-Chloroethyl)ether	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	0.041 U	0.099	--	0.057 U	0.2	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
bis-2-Ethylhexyladipate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Butylbenzylphthalate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Carbazole	0.041 U	0.32	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.49	0.046 U	0.037 U	--	--	--	--	--	--
Chrysene	0.058	0.76	--	0.023	0.044	2.7	12 J	24	0.05	0.02	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.01	0.13	--	0.011 U	0.01	0.64	3 J	5	0.011	0.0073 U	--	--	--	--	--	--
Dibenzofuran	0.041 U	0.41	--	0.057 U	0.037 U	0.18 U	0.27 J	0.4	0.046 U	0.037 U	--	--	--	--	--	--
Diethylphthalate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Dimethylphthalate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Di-n-butylphthalate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Di-n-octylphthalate	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Fluoranthene	0.16	2.2	--	0.045	0.082	2.5	7.1 J	29	0.055	0.046	--	--	--	--	--	--
Fluorene	0.045	0.62	--	0.011 U	0.0093	0.18 U	0.33 J	1.5	0.0091 U	0.0093	--	--	--	--	--	--
Hexachlorobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Hexachlorobutadiene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Hexachlorocyclopentadiene	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Hexachloroethane	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.028	0.46	--	0.024	0.029	1.4	6.4 J	14	0.028	0.0099	--	--	--	--	--	--
Isophorone	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Naphthalene	0.033	0.12	--	0.012	0.0075 U	3.6 U	26 J	1.3	0.0091 U	0.091	--	--	--	--	--	--
Nitrobenzene	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
N-Nitrosodimethylamine	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
N-Nitrosodiphenylamine	0.041 U	0.039 U	--	0.057 U	0.037 U	0.18 U	0.19 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Pentachlorophenol	0.2 U	0.19 U	--	0.29 U	0.19 U	0.9 U	0.94 UJ	0.94 U	0.23 U	0.18 U	--	--	--	--	--	--
Phenanthrene	0.2	2.9	--	0.037	0.041	0.65	1.6 J	10	0.024	0.054	--	--	--	--	--	--
Phenol	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Pyrene	0.13	1.8	--	0.049	0.074	2.2	6.4 J	27	0.058	0.052	--	--	--	--	--	--
Pyridine	0.041 U	0.039 U	--	0.057 U	0.037 U	3.6 U	3.7 UJ	0.19 U	0.046 U	0.037 U	--	--	--	--	--	--
Tota cPAHs	0.059	0.925	--	0.035	0.053	2.94	10.9	29.2	0.073	0.019	--	--	--	--	--	--
Total Petroleum Hydrocarbons																
Gasoline Range Organics	88	150	--	18	15	30000	33000	72	8.3 U	970	--	--	430	8,200	--	--
Diesel Range Organics	41 U	29 U	--	44 U	28 U	21000	6500	380	34 U	54 U	--	--	--	--	--	--
Lube Oil	61 U	240	--	200	56 U	320	450	1400	68 U	55 U	--	--	--	--	--	--
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1,1-Trichloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1-Dichloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1-Dichloroethene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,1-Dichloropropene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2,3-Trichloropropane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	UST Removal Investigation (cont)										December 2009 Additional Investigation					
	Containment-S Wall	Containment-W Wall	Containment-N Wall	Pipe-1	Pipe-C1	B7-Trench-1	B7-Trench-2	B7-Trench-3	TP4-1	TP4-8	KM-17	KM-17	KM-19	KM-19	KM-20	KM-20
	10/27/2009	10/28/2009	10/28/2009	10/28/2009	11/17/2009	11/24/2009	11/24/2009	11/24/2009	11/13/2009	11/13/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009	12/23/2009
Depth (feet bgs)	9.5 to 9.5	9.5 to 9.5	9.5 to 9.5	5.5 to 5.5	5.5 to 5.5	2.5 to 2.5	2.5 to 2.5	2.5 to 2.5	1 to 1	8 to 8	1.5 to 2	6.2 to 6.8	3.5 to 4	6 to 6.5	1 to 1.2	6.5 to 7
Metals																
Arsenic	12 U	12 U	17 U	--	11 U	11 U	11 U	11 U	14 U	11 U	--	--	--	--	--	--
Barium	--	--	--	--	--	37	39	93	--	--	--	--	--	--	--	--
Cadmium	0.61 U	0.58 U	0.87 U	--	0.56 U	0.54 U	0.56 U	1.8	0.68 U	0.55 U	--	--	--	--	--	--
Chromium	24	12	26	--	18	19	16	15	13	6.8	--	--	--	--	--	--
Copper	11	20	39	--	15	--	--	--	110	8.1	--	--	--	--	--	--
Lead	6.1 U	34	21	--	9.8	34	25	200	52	5.5 U	--	--	--	--	--	--
Mercury	0.3 U	0.29 U	0.44 U	--	0.28 U	0.28	0.28 U	0.28 U	0.34 U	0.28 U	--	--	--	--	--	--
Nickel	27	12	25	--	22	--	--	--	25	6.8	--	--	--	--	--	--
Selenium	--	--	--	--	--	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	0.54 U	0.56 U	0.56 U	--	--	--	--	--	--	--	--
Zinc	26	55	100	--	68	--	--	--	67	18	--	--	--	--	--	--
1,2,4-Trimethylbenzene	2.5	0.057 J	--	0.0019 U	0.0011 U	62 J	210	0.0018 J	0.0027 UJ	1	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2-Dibromo-3-chloropropane	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 UJ	0.013 UJ	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
1,2-Dibromoethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2-Dichloroethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,2-Dichloropropane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene	1.4	0.029 J	--	0.0019 U	0.0011 U	20 J	54	0.0013 J	0.0027 UJ	0.45	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,3-Dichloropropane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
2,2-Dichloropropane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
2-Chloroethylvinylether	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
2-Chlorotoluene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
2-Hexanone	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
4-Chlorotoluene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Acetone	6.7 U	0.15 J	--	0.0097 U	0.036	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Benzene	1.3 U	0.002 J	--	0.0036	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Bromobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Bromochloromethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Bromoform	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Bromomethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Carbon Disulfide	1.3 U	0.0013 U	--	0.0019 U	0.0015	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Carbon Tetrachloride	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Chlorobenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Chloroethane	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Chloroform	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Chloromethane	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Cis-1,2-Dichloroethene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Dibromochloromethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Dibromomethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Dichlorobromomethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Ethylbenzene	41	0.072 J	--	0.34	0.0011 U	1.8 J	890	0.0022	0.0074	4.2	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Hexachlorobutadiene	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 UJ	0.013 UJ	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Iodomethane	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Isopropylbenzene	1.3 U	0.044 J	--	0.018	0.0011 U	1.4 J	20	0.0012 U	0.0027 U	0.68	0.0012 U	0.0015 U	0.087 U	22	0.0012 U	0.0012 U
m,p-Xylene	150	0.25 J	--	1.2	0.0022 U	17 J	4400	0.021	0.014	5.1	0.0023 U	0.0031 U	0.17 U	0.66 U	0.0025 U	0.0024 U
Methyl ethyl ketone	6.7 U	0.0065 U	--	0.0097 U	0.006	5.5 U	14	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Methyl Isobutyl Ketone	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	25	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Methyl t-Butyl Ether	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Methylene Chloride	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Naphthalene	1.3 U	0.013 J	--	0.0019 U	0.0011 U	1.1 U	17	0.0012 UJ	0.0027 UJ	0.18	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
n-Butylbenzene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	10 J	21	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	29	0.0012 U	0.0012 U
n-Propylbenzene	1.3 U	0.047 J	--	0.0019 U	0.0011 U	4.8 J	28	0.0012 UJ	0.0027 UJ	1.1	0.0012 U	0.0015 U	0.087 U	57	0.0012 U	0.0012 U
o-Xylene	28	0.11 J	--	0.31	0.0011 U	3.6 J	1100	0.008	0.0027 U	0.32	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
p-Isopropyltoluene	1.3 U	0.004 J	--	0.0019 U	0.0011 U	3 J	11	0.0012 UJ	0.0027 UJ	0.097	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
sec-Butylbenzene	1.3 U	0.017 J	--	0.0019 U	0.0011 U	2.2 J	9.6	0.0012 UJ	0.0027 UJ	0.1	0.0012 U	0.0015 U	0.087 U	38	0.0012 U	0.0012 U
Styrene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
tert-Butylbenzene	1.3 U	0.0022 J	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 UJ	0.0027 UJ	0.056 U	0.0012 U	0.0015 U	0.087 U	2	0.0012 U	0.0012 U
Tetrachloroethene	1.3 U	0.0013 U	--	0.0038	0.0011 U	1.1 U	1.2 U	0.0035	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Toluene	6.7 U	0.0065 U	--	0.02	0.0054 U	11 J	140	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Trans-1,2-Dichloroethene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Trichloroethene	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Trichlorofluoromethane	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.078	0.0027 U	0.056 U	0.0012 U	0.0015 U	0.087 U	0.33 U	0.0012 U	0.0012 U
Vinyl Acetate	6.7 U	0.0065 U	--	0.0097 U	0.0054 U	5.5 U	6.2 U	0.0058 U	0.013 U	0.28 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U
Vinyl Chloride	1.3 U	0.0013 U	--	0.0019 U	0.0011 U	1.1 U	1.2 U	0.0012 U	0.0027 U	0.056 U	0.0058 U	0.0077 U	0.43 U	1.6 U	0.0061 U	0.006 U

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Supplemental Phase II Results															Data Gaps Investigation and Monitoring Well Installation							
	KM-22	KM-22	KM-23	KM-23	KM-24	KM-24	KM-25	KM-26	KM-26	KM-27	KM-27	KM-28	KM-28	KM-29	KM-29	KM-30	KM-30	KM-31	KM-32	KM-33	KM-34	KM-34	KM-35
	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	3/23/2011	3/23/2011	3/22/2011	3/22/2011	3/22/2011	3/21/2011	3/21/2011	3/22/2011
Depth (feet bgs)	12.5 to 13	6.5 to 7	10.5 to 11	7.5 to 8	10.5 to 11	7.5 to 8	10.5 to 11	11 to 11.5	8 to 8.5	10.5 to 11	8 to 8.5	10.5 to 11	8.5 to 9	10.5 to 11	7.5 to 8	2 to 2.5	4.75 to 5.25	2.5 to 3	2.5 to 3	4 to 4.5	2 to 2.5	4 to 4.5	2 to 2.5
Metals																							
Arsenic	12 U	13 U	12 U	11 U	12 U	11 U	11 U	12 U	10 U	12 U	11 U	11 U	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.59 U	0.64 U	0.58 U	0.53 U	0.61 U	0.55 U	0.56 U	0.58 U	1.9	0.59 U	0.53 U	0.55 U	0.55 U	0.54 U	0.53 U	--	--	--	--	--	--	--	--
Chromium	8.1	21	6.5	8.6	8.2	8.3	31	5.8	7.3	6.5	7.2	6	6.8	7.3	7	--	--	--	--	--	--	--	--
Copper	8.8	86	9.6	23	8.1	10	24	8.9	8.1	9.3	8.8	8.4	8.8	8.1	8.9	--	--	--	--	--	--	--	--
Lead	5.9 U	190	5.8 U	20	6.1 U	9.6	32	5.8 U	5.2 U	5.9 U	5.3 U	5.5 U	5.5 U	5.4 U	5.3 U	--	--	--	--	--	--	--	--
Mercury	0.29 U	0.32 U	0.29 U	0.26 U	0.3 U	0.27 U	0.28 U	0.29 U	0.26 U	0.3 U	0.26 U	0.27 U	0.27 U	0.27 U	0.27 U	--	--	--	--	--	--	--	--
Nickel	6.9	31	7	9.2	6.7	8.9	14	5.8	8.1	6.4	7	6.2	7.6	7.6	8	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	18	110	17	36	18	29	34	14	23	15	14	17	40	14	15	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																							
Aroclor 1016	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1221	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1232	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1242	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1248	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1254	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Aroclor 1260	0.059 U	0.064 U	0.058 U	0.053 U	0.061 U	0.055 U	0.056 U	0.058 U	0.052 U	0.059 U	0.053 U	0.055 U	0.055 U	0.054 U	0.053 U	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																							
(3+4)-Methylphenol (m,p-Cresol)	0.039 U	0.051	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	0.2 U	0.21 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.17 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
1-Methylnaphthalene	0.027	0.0097	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.018	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.47	1.5	0.0073 U	0.018	1.1	0.0069 U	0.007 U	0.0071 U
2,3,4,6-Tetrachlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	0.98 U	1.1 U	0.96 U	0.88 U	1 U	0.91 U	0.93 U	0.97 U	0.87 U	0.99 U	0.88 U	0.92 U	0.92 U	0.9 U	0.89 U	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 U	0.21 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.17 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2-Chloronaphthalene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2-Chlorophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.061	0.0085	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.012	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.73	1.7	0.0073 U	0.024	0.62	0.0069 U	0.007 U	0.0071 U
2-Methylphenol (o-Cresol)	0.039 U	0.049	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2-Nitroaniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
2-Nitrophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	0.39 U	0.43 U	0.38 U	0.35 U	0.4 U	0.37 U	0.37 U	0.39 U	0.35 U	0.4 U	0.35 U	0.37 U	0.37 U	0.36 U	0.35 U	--	--	--	--	--	--	--	--
3-Nitroaniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	0.2 U	0.21 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.17 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4-Chloroaniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4-Nitroaniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
4-Nitrophenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Acenaphthene	0.0078 U	0.0085 U	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.033	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.18	0.92	0.0073 U	0.069	0.36	0.0069 U	0.007 U	0.0071 U
Acenaphthylene	0.0078 U	0.0095	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.58	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.053	0.47 U	0.01	0.0073 U	0.053	0.0069 U	0.007 U	0.0071 U
Aniline	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Anthracene	0.0096	0.018	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.64	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.18	0.56	0.022	0.73 U	0.37	0.0069 U	0.007 U	0.0071 U
Benzidine	0.39 U	0.43 U	0.38 U	0.35 U	0.4 U	0.37 U	0.37 U	0.39 U	0.35 U	0.4 U	0.35 U	0.37 U	0.37 U	0.36 U	0.35 U	--	--	--	--	--	--	--	--
Benzo(a)anthracene	0.016	0.075	0.0077 U	0.048	0.0081 U	0.0073 U	1.6	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.37	1.5	0.19	23	0.11	0.0069 U	0.007 U	0.017
Benzo(a)pyrene	0.015	0.089	0.0077 U	0.054	0.0081 U	0.0073 U	1.5	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.37	1.4	0.25	24	0.033	0.0069 U	0.007 U	0.017
Benzo(b)fluoranthene	0.013	0.079	0.0077 U	0.098	0.01	0.0073 U	1.8	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.48	1.7	0.15	28	0.035	0.0069 U	0.007 U	0.013
Benzo(ghi)perylene	0.014	0.064	0.0077 U	0.05	0.0081 U	0.0073 U	1	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.4	1.1	0.32	16	0.025	0.0069 U	0.007 U	0.012

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Supplemental Phase II Results															Data Gaps Investigation and Monitoring Well Installation							
	KM-22	KM-22	KM-23	KM-23	KM-24	KM-24	KM-25	KM-26	KM-26	KM-27	KM-27	KM-28	KM-28	KM-29	KM-29	KM-30	KM-30	KM-31	KM-32	KM-33	KM-34	KM-34	KM-35
	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	3/23/2011	3/23/2011	3/22/2011	3/22/2011	3/22/2011	3/21/2011	3/21/2011	3/22/2011
Depth (feet bgs)	12.5 to 13	6.5 to 7	10.5 to 11	7.5 to 8	10.5 to 11	7.5 to 8	10.5 to 11	11 to 11.5	8 to 8.5	10.5 to 11	8 to 8.5	10.5 to 11	8.5 to 9	10.5 to 11	7.5 to 8	2 to 2.5	4.75 to 5.25	2.5 to 3	2.5 to 3	4 to 4.5	2 to 2.5	4 to 4.5	2 to 2.5
Metals																							
Arsenic	12 U	13 U	12 U	11 U	12 U	11 U	11 U	12 U	10 U	12 U	11 U	11 U	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.59 U	0.64 U	0.58 U	0.53 U	0.61 U	0.55 U	0.56 U	0.58 U	1.9	0.59 U	0.53 U	0.55 U	0.55 U	0.54 U	0.53 U	--	--	--	--	--	--	--	--
Chromium	8.1	21	6.5	8.6	8.2	8.3	31	5.8	7.3	6.5	7.2	6	6.8	7.3	7	--	--	--	--	--	--	--	--
Copper	8.8	86	9.6	23	8.1	10	24	8.9	8.1	9.3	8.8	8.4	8.8	8.1	8.9	--	--	--	--	--	--	--	--
Lead	5.9 U	190	5.8 U	20	6.1 U	9.6	32	5.8 U	5.2 U	5.9 U	5.3 U	5.5 U	5.5 U	5.4 U	5.3 U	--	--	--	--	--	--	--	--
Mercury	0.29 U	0.32 U	0.29 U	0.26 U	0.3 U	0.27 U	0.28 U	0.29 U	0.26 U	0.3 U	0.26 U	0.27 U	0.27 U	0.27 U	0.27 U	--	--	--	--	--	--	--	--
Nickel	6.9	31	7	9.2	6.7	8.9	14	5.8	8.1	6.4	7	6.2	7.6	7.6	8	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	18	110	17	36	18	29	34	14	23	15	14	17	40	14	15	--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.013	0.075	0.0077 U	0.052	0.0081 U	0.0073 U	1.2	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.39	1.2	0.1	23	0.024	0.0069 U	0.007 U	0.014
Benzyl alcohol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Butylbenzylphthalate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Carbazole	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.11	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Chrysene	0.02	0.093	0.0077 U	0.09	0.019	0.0073 U	1.7	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.54	2.1	0.23	29	0.14	0.0069 U	0.007 U	0.021
Dibenz(a,h)anthracene	0.0078 U	0.02	0.0077 U	0.018	0.0081 U	0.0073 U	0.34	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.12	0.47 U	0.16	5.5	0.0085 U	0.0069 U	0.007 U	0.0071 U
Dibenzofuran	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.05	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Diethylphthalate	0.2 U	0.21 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.17 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--	--	--	--	--	--	--	--
Dimethylphthalate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Di-n-butylphthalate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Di-n-octylphthalate	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Fluoranthene	0.051	0.12	0.0077 U	0.056	0.023	0.0073 U	4.5	0.0078 U	0.0078	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.72	2.8	0.14	21	0.5	0.0069 U	0.007 U	0.027
Fluorene	0.0088	0.0085 U	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.22	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.25	0.71	0.0073 U	0.038	0.66	0.0069 U	0.007 U	0.0071 U
Hexachlorobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Hexachloroethane	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.011	0.053	0.0077 U	0.043	0.0081 U	0.0073 U	0.96	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.33	0.82	0.14	15	0.018	0.0069 U	0.007 U	0.0098
Isophorone	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Naphthalene	0.2	0.024	0.0077 U	0.007 U	0.0081 U	0.0073 U	0.012	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	1.2	1.3	0.0073 U	0.041	0.36	0.0069 U	0.007 U	0.0071 U
Nitrobenzene	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Pentachlorophenol	0.2 U	0.21 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.17 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--	--	--	--	--	--	--	--
Phenanthrene	0.061	0.076	0.0077 U	0.01	0.0081 U	0.0073 U	2	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	1	3.2	0.12	4	0.59	0.0069 U	0.007 U	0.0071 U
Phenol	0.039 U	0.043 U	0.038 U	0.035 U	0.04 U	0.037 U	0.037 U	0.039 U	0.035 U	0.04 U	0.035 U	0.037 U	0.037 U	0.036 U	0.035 U	--	--	--	--	--	--	--	--
Pyrene	0.063	0.14	0.0077 U	0.052	0.016	0.0073 U	3.6	0.0078 U	0.007 U	0.0079 U	0.0071 U	0.0073 U	0.0073 U	0.0072 U	0.0071 U	0.74	2.5	0.19	21	0.41	0.0069 U	0.007 U	0.031
Pyridine	0.39 U	0.43 U	0.38 U	0.35 U	0.4 U	0.37 U	0.37 U	0.39 U	0.35 U	0.4 U	0.35 U	0.37 U	0.37 U	0.36 U	0.35 U	--	--	--	--	--	--	--	--
Tota cPAHs	0.021	0.12	0.006 U	0.081	0.007	0.006 U	2.1	0.006 U	0.005 U	0.006 U	0.005 U	0.006 U	0.006 U	0.005 U	0.005 U	0.544	1.9	0.326	33.7	0.054	0.005 U	0.005 U	0.023
Total Petroleum Hydrocarbons																							
Gasoline Range Organics	30	350	44	14	6.9 U	5.9 U	6.1 U	6.8 U	5.2 U	6.8 U	5.4 U	6.2 U	5.7 U	6 U	5.6 U	400	6000	5.3 U	5.1 U	3300	5.4 U	5.2 U	4 U
Diesel Range Organics	29 U	150 U	29 U	26 U	30 U	27 U	39	29 U	26 U	30 U	27 U	28 U	28 U	27 U	27 U	--	--	--	--	--	--	--	--
Lube Oil	59 U	290	58 U	53 U	61 U	55 U	100	58 U	52 U	59 U	53 U	55 U	55 U	54 U	53 U	--	--	--	--	--	--	--	--
Volatile Organic Compounds																							
1,1,1,2-Tetrachloroethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1,1-Trichloroethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1,2,2-Tetrachloroethane	0.067 U	0.024 U	0.011 U	0.006 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1,2-Trichloroethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1-Dichloroethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1-Dichloroethene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,1-Dichloropropene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2,3-Trichlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2,3-Trichloropropane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2,4-Trichlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Supplemental Phase II Results																Data Gaps Investigation and Monitoring Well Installation							
	KM-22	KM-22	KM-23	KM-23	KM-24	KM-24	KM-25	KM-26	KM-26	KM-27	KM-27	KM-28	KM-28	KM-29	KM-29	KM-30	KM-30	KM-31	KM-32	KM-33	KM-34	KM-34	KM-35
	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	3/23/2011	3/23/2011	3/22/2011	3/22/2011	3/22/2011	3/21/2011	3/21/2011	3/22/2011
Depth (feet bgs)	12.5 to 13	6.5 to 7	10.5 to 11	7.5 to 8	10.5 to 11	7.5 to 8	10.5 to 11	11 to 11.5	8 to 8.5	10.5 to 11	8 to 8.5	10.5 to 11	8.5 to 9	10.5 to 11	7.5 to 8	2 to 2.5	4.75 to 5.25	2.5 to 3	2.5 to 3	4 to 4.5	2 to 2.5	4 to 4.5	2 to 2.5
Metals																							
Arsenic	12 U	13 U	12 U	11 U	12 U	11 U	11 U	12 U	10 U	12 U	11 U	11 U	11 U	11 U	11 U	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.59 U	0.64 U	0.58 U	0.53 U	0.61 U	0.55 U	0.56 U	0.58 U	1.9	0.59 U	0.53 U	0.55 U	0.55 U	0.54 U	0.53 U	--	--	--	--	--	--	--	--
Chromium	8.1	21	6.5	8.6	8.2	8.3	31	5.8	7.3	6.5	7.2	6	6.8	7.3	7	--	--	--	--	--	--	--	--
Copper	8.8	86	9.6	23	8.1	10	24	8.9	8.1	9.3	8.8	8.4	8.8	8.1	8.9	--	--	--	--	--	--	--	--
Lead	5.9 U	190	5.8 U	20	6.1 U	9.6	32	5.8 U	5.2 U	5.9 U	5.3 U	5.5 U	5.5 U	5.4 U	5.3 U	--	--	--	--	--	--	--	--
Mercury	0.29 U	0.32 U	0.29 U	0.26 U	0.3 U	0.27 U	0.28 U	0.29 U	0.26 U	0.3 U	0.26 U	0.27 U	0.27 U	0.27 U	0.27 U	--	--	--	--	--	--	--	--
Nickel	6.9	31	7	9.2	6.7	8.9	14	5.8	8.1	6.4	7	6.2	7.6	7.6	8	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	18	110	17	36	18	29	34	14	23	15	14	17	40	14	15	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	0.12	0.1	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2-Dibromo-3-chloropropane	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
1,2-Dibromoethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2-Dichlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2-Dichloroethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,2-Dichloropropane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,3,5-Trimethylbenzene	0.067 U	0.045	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,3-Dichlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,3-Dichloropropane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
1,4-Dichlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
2,2-Dichloropropane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
2-Chloroethylvinylether	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
2-Chlorotoluene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
2-Hexanone	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
4-Chlorotoluene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Acetone	0.34 U	0.16	0.041	0.067	0.006 U	0.0061 U	0.058	0.0061 U	0.0072 U	0.028	0.12	0.0057 U	0.041	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Benzene	0.067 U	0.0015	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	0.076 U	0.02 U	0.02 U	0.02 U
Bromobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Bromochloromethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Bromoform	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Bromomethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Carbon Disulfide	0.067 U	0.0071	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Carbon Tetrachloride	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Chlorobenzene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Chloroethane	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Chloroform	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Chloromethane	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Cis-1,2-Dichloroethene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Cis-1,3-Dichloropropene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Dibromochloromethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Dibromomethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Dichlorobromomethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Dichlorodifluoromethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Ethylbenzene	1.9	0.18	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	0.38 U	0.054 U	0.052 U	0.04 U
Hexachlorobutadiene	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Iodomethane	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Isopropylbenzene	0.067 U	0.22	0.15	0.031	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	4.2	0.0011 U	0.001 U	--	--	--	--
m,p-Xylene	6.4	2.3	0.0023 U	0.0024 U	0.0024 U	0.0025 U	0.0053	0.0024 U	0.0029 U	0.0026 U	0.0024 U	0.0023 U	0.0025 U	0.0026 U	0.0025 U	0.11 U	0.95 U	0.0022 U	0.002 U	1.9 U	0.054 U	0.052 U	0.04 U
Methyl ethyl ketone	0.34 U	0.023	0.0057 U	0.012	0.006 U	0.0061 U	0.0088	0.0061 U	0.0072 U	0.0066 U	0.019	0.0057 U	0.0092	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Methyl Isobutyl Ketone	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Methyl t-Butyl Ether	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Methylene Chloride	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.013	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Naphthalene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0021	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.19	0.48 U	0.0011 U	0.001 U	--	--	--	--
n-Butylbenzene	0.067 U	0.0051	0.016	0.0028	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.11	7	0.0011 U	0.001 U	--	--	--	--
n-Propylbenzene	0.067 U	1.4	0.19	0.043	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	6.7	0.0011 U	0.001 U	--	--	--	--
o-Xylene	2.5	0.0088	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0022	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	1.9 U	0.054 U	0.052 U	0.04 U
p-Isopropyltoluene	0.067 U	0.0068	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
sec-Butylbenzene	0.067 U	0.023	0.025	0.0065	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.12	14	0.0011 U	0.001 U	--	--	--	--
Styrene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
tert-Butylbenzene	0.067 U	0.0026	0.0027	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.86	0.0011 U	0.001 U	--	--	--	--
Tetrachloroethene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.0016	--	--	--	--
Toluene	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	0.38 U	0.054 U	0.052 U	0.04 U
Trans-1,2-Dichloroethene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Trans-1,3-Dichloropropene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Trichloroethene	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Trichlorofluoromethane	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--
Vinyl Acetate	0.34 U	0.0059 U	0.0057 U	0.0061 U	0.006 U	0.0061 U	0.0051 U	0.0061 U	0.0072 U	0.0066 U	0.0059 U	0.0057 U	0.0062 U	0.0064 U	0.0063 U	0.27 U	2.4 U	0.0055 U	0.005 U	--	--	--	--
Vinyl Chloride	0.067 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.001 U	0.0012 U	0.0014 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.055 U	0.48 U	0.0011 U	0.001 U	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Data Gaps Investigation and Monitoring Well Installation (cont)																			February/March 2015 UST Removal Confirmation Samples				
	KM-35	KM-36	KM-36	KM-37	KM-37	KM-38	KM-38	KM-39	KM-39	KM-40	KM-40	KM-41	KM-41	KM-42	KM-42	KM-43	KMW-02	KMW-04	KMW-04	B7-PIPING-B1	B7-PIPING-B2	B7-PIPING-S1B	B7-PIPING-B5	B7-PIPING-S2
	3/22/2011	3/21/2011	3/21/2011	3/21/2011	3/21/2011	3/23/2011	3/23/2011	3/24/2011	3/24/2011	3/21/2011	3/21/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/23/2011	3/18/2011	3/17/2011	3/17/2011	2/27/2015	2/27/2015	3/13/2015	3/13/2015	2/27/2015
Depth (feet bgs)	6.5 to 7	2 to 2.5	6 to 6.5	2 to 2.5	5 to 5.5	1.5 to 2	4.5 to 5	2 to 2.75	4.5 to 5	1.5 to 2	4 to 4.5	2.75 to 3.25	4.25 to 4.75	1.75 to 2.25	4.5 to 5	1.5 to 2	5 to 5.5	2 to 2.5	4.5 to 5	5 to 5	5 to 5	4 to 4	5 to 5	4 to 4
Metals																								
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24	21	33	49	100
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7 U	0.59 U	0.54 U	0.65 U	0.6 U
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.8	9.3	9.5	8.4	24
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7 U	5.9 U	5.4 U	6.5 U	30
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.35 U	0.29 U	0.27 U	0.32 U	0.3 U
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 U		1.1 U	1.3 U	1.2 U
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																								
Aroclor 1016	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	0.051 U	0.054 U	0.058 U	0.053 U	0.062 U	0.062 U	7.9 U	1.3 U	0.067 U	0.058 U	0.052 U	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	0.051 U	0.24	0.15	0.053 U	0.062 U	0.062 U	58	10	0.067 U	0.53	0.17	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																								
(3+4)-Methylphenol (m,p-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	0.07	0.0084	0.016	0.035	0.009	--	--	6.7	2	--	--	5.1 J	17	--	--	--	0.0085 U	0.0072 U	0.0073 U	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.1	0.0091	0.02	0.036	0.013	--	--	10	2.6	--	--	7.3 J	24	--	--	--	0.0085 U	0.0072 U	0.0073 U	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	0.036 U	0.0077 U	0.0075 U	0.0089 U	0.0074 U	--	--	2.7	0.94	--	--	0.82 J	3.5	--	--	--	0.026	0.0072 U	0.0073 U	--	--	--	--	--
Acenaphthylene	0.036 U	0.0077 U	0.0075 U	0.012	0.0074 U	--	--	0.38 U	0.046	--	--	0.52 UJ	0.85 U	--	--	--	0.0085 U	0.0072 U	0.0073 U	--	--	--	--	--
Aniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	0.048	0.0077 U	0.0075 U	0.012	0.0074 U	--	--	0.72	0.27	--	--	0.52 UJ	0.96	--	--	--	0.03	0.0072 U	0.0073 U	--	--	--	--	--
Benzidine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	3.7	0.0077 U	0.0075 U	0.035	0.036	--	--	0.56	0.18	--	--	0.52 UJ	0.99	--	--	--	0.23	0.0072 U	0.0073 U	0.45	4.1	0.45	4.5	50
Benzo(a)pyrene	3.2	0.0077 U	0.0075 U	0.05	0.052	--	--	0.4	0.15	--	--	0.52 UJ	0.85 U	--	--	--	0.35	0.0072 U	0.0073 U	0.42	4.6	0.28	3.7	51
Benzo(b)fluoranthene	5.9	0.0077 U	0.0075 U	0.05	0.041	--	--	0.47	0.14	--	--	0.52 UJ	0.85 U	--	--	--	0.42	0.0072 U	0.0073 U	0.26	3.2	0.29	3.8	53
Benzo(ghi)perylene	2.5	0.0077 U	0.0075 U	0.066	0.067	--	--	0.38 U	0.12	--	--	0.52 UJ	0.85 U	--	--	--	0.38	0.0072 U	0.0073 U	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Data Gaps Investigation and Monitoring Well Installation (cont)																			February/March 2015 UST Removal Confirmation Samples				
	KM-35	KM-36	KM-36	KM-37	KM-37	KM-38	KM-38	KM-39	KM-39	KM-40	KM-40	KM-41	KM-41	KM-42	KM-42	KM-43	KMW-02	KMW-04	KMW-04	B7-PIPING-B1	B7-PIPING-B2	B7-PIPING-S1B	B7-PIPING-B5	B7-PIPING-S2
	3/22/2011	3/21/2011	3/21/2011	3/21/2011	3/21/2011	3/23/2011	3/23/2011	3/24/2011	3/24/2011	3/21/2011	3/21/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/23/2011	3/18/2011	3/17/2011	3/17/2011	2/27/2015	2/27/2015	3/13/2015	3/13/2015	2/27/2015
Depth (feet bgs)	6.5 to 7	2 to 2.5	6 to 6.5	2 to 2.5	5 to 5.5	1.5 to 2	4.5 to 5	2 to 2.75	4.5 to 5	1.5 to 2	4 to 4.5	2.75 to 3.25	4.25 to 4.75	1.75 to 2.25	4.5 to 5	1.5 to 2	5 to 5.5	2 to 2.5	4.5 to 5	5 to 5	5 to 5	4 to 4	5 to 5	4 to 4
Metals																								
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24	21	33	49	100
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7 U	0.59 U	0.54 U	0.65 U	0.6 U
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.8	9.3	9.5	8.4	24
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7 U	5.9 U	5.4 U	6.5 U	30
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.35 U	0.29 U	0.27 U	0.32 U	0.3 U
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 U		1.1 U	1.3 U	1.2 U
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27	3.7	0.16	1.5	44
Benzo(k)fluoranthene	4	0.0077 U	0.0075 U	0.04	0.043	--	--	0.4	0.11	--	--	0.52 UJ	0.85 U	--	--	--	0.3	0.0072 U	0.0073 U	--	--	--	--	--
Benzyl alcohol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	5.7	0.0077 U	0.0075 U	0.064	0.054	--	--	0.77	0.24	--	--	0.52 UJ	1.4				0.34	0.0072 U	0.0073 U	0.47	4.3	0.3	3.6	52
Dibenz(a,h)anthracene	1.1	0.0077 U	0.0075 U	0.014	0.01	--	--	0.38 U	0.033	--	--	0.52 UJ	0.85 U				0.11	0.0072 U	0.0073 U	0.19 U	0.73	0.072 U	0.42	12
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	1.5	0.0077 U	0.0075 U	0.082	0.058	--	--	1.9	0.64	--	--	0.64 J	3.2	--	--	--	0.35	0.0072 U	0.0073 U	--	--	--	--	--
Fluorene	0.036 U	0.0077 U	0.0075 U	0.0089 U	0.0074 U	--	--	1.8	0.66	--	--	0.52 UJ	2.1	--	--	--	0.012	0.0072 U	0.0073 U	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	2.3	0.0077 U	0.0075 U	0.048	0.045	--	--	0.38 U	0.092	--	--	0.52 UJ	0.85 U	--	--	--	0.3	0.0072 U	0.0073 U	0.19 U	1.9	0.095	1.3	28
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	0.063	0.0087	0.0075 U	0.025	0.0074 U	--	--	5.6	0.045	--	--	12 J	37	--	--	--	0.015	0.0072 U	0.0073 U	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	0.33	0.0077 U	0.0075 U	0.072	0.027	--	--	4	1.5	--	--	1.4 J	8.1	--	--	--	0.15	0.0072 U	0.0073 U	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	1.6	0.0077 U	0.0075 U	0.082	0.084			1.7	0.61			0.56 J	3.1				0.31	0.0072 U	0.0073 U	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tota cPAHs	4.9	0.006 U	0.006 U	0.069	0.07	--	--	0.589	0.208	--	--	0.392 UJ	0.708	--	--	--	0.489	0.005 U	0.006 U	0.542	6.01	0.383	4.89	70.2
Total Petroleum Hydrocarbons																								
Gasoline Range Organics	5.1 U	360	94	28	81	--	--	4800	990	250	280	560	8300	--	--	--	--	27	5.3 U	2600	3000	3900	1100	1300
Diesel Range Organics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3300	4100	11000	7800	7400
Lube Oil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	370	710	1300 U	970 U	5600
Volatile Organic Compounds																								
1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Data Gaps Investigation and Monitoring Well Installation (cont)																			February/March 2015 UST Removal Confirmation Samples				
	KM-35	KM-36	KM-36	KM-37	KM-37	KM-38	KM-38	KM-39	KM-39	KM-40	KM-40	KM-41	KM-41	KM-42	KM-42	KM-43	KMW-02	KMW-04	KMW-04	B7-PIPING-B1	B7-PIPING-B2	B7-PIPING-S1B	B7-PIPING-B5	B7-PIPING-S2
	3/22/2011	3/21/2011	3/21/2011	3/21/2011	3/21/2011	3/23/2011	3/23/2011	3/24/2011	3/24/2011	3/21/2011	3/21/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/23/2011	3/18/2011	3/17/2011	3/17/2011	2/27/2015	2/27/2015	3/13/2015	3/13/2015	2/27/2015
Depth (feet bgs)	6.5 to 7	2 to 2.5	6 to 6.5	2 to 2.5	5 to 5.5	1.5 to 2	4.5 to 5	2 to 2.75	4.5 to 5	1.5 to 2	4 to 4.5	2.75 to 3.25	4.25 to 4.75	1.75 to 2.25	4.5 to 5	1.5 to 2	5 to 5.5	2 to 2.5	4.5 to 5	5 to 5	5 to 5	4 to 4	5 to 5	4 to 4
Metals																								
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24	21	33	49	100
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7 U	0.59 U	0.54 U	0.65 U	0.6 U
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.8	9.3	9.5	8.4	24
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7 U	5.9 U	5.4 U	6.5 U	30
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.35 U	0.29 U	0.27 U	0.32 U	0.3 U
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14 U	12 U	11 U	13 U	12 U
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 U		1.1 U	1.3 U	1.2 U
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	11	2.5	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	8	1.2	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
2-Chloroethylvinylether	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.02 U	1.9	0.065	0.098	0.077	--	--	0.53	0.021 U	0.58	0.3	0.56 U	0.43 U	--	--	--	--	0.02 U	0.02 U	0.097	0.41	0.27	0.13	0.069
Bromobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.051 U	0.32	0.061 U	0.083 U	0.13 U	--	--	26	0.11 U	7.1	2.7	2.9	0.71	--	--	--	--	1.2	0.053 U	0.62	1.2	0.69	0.27	7.4
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Iodomethane	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	1.8	1.6	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	0.051 U	3.2	0.2	0.35	0.23	--	--	49	1.3	25	9.1	19	3.5	--	--	--	--	0.65	0.053 U	3.8	8.9	3.6	1.4	9.5
Methyl ethyl ketone	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Methyl Isobutyl Ketone	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Methyl t-Butyl Ether	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	9	10	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	1.9	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	1.6	2.7	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	0.051 U	0.31 U	0.31 U	0.083 U	0.13 U	--	--	3.3 U	0.55 U	0.22	0.33	11	1.6	--	--	--	--	0.085	0.053 U	1.4 U	4.8	1.2 U	0.12 U	1
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	2.3	0.62	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	1.9	1.5	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Toluene	0.051 U	0.53	0.061 U	0.083 U	0.13 U	--	--	4.8	0.11 U	0.56	1.8	2.8 U	2.2 U	--	--	--	--	0.079	0.053 U	0.14 U	0.098 U	0.23 U	0.12 U	0.095 U
Trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--
Vinyl Acetate	--	--	--	--	--	--	--	--	--	--	--	2.8 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	2015 Hot Spot Soil Excavation and Treatment															2015 Hot Spot Soil Excavation and Treatment (cont)									
	KM-19-NW	KM-19-EW	KM-19-Bot	KM-19-SW	KM-19-WW	KM-30-EW	KM-30-SW	KM-30-Bot	KM-30-WW	KM-30-NW	KM-32-EW	KM-32-Bot	KM-32-NW	KM-32-SW	KM-32-WW	KM-39-EW	KM-39-B1	KM-39-NW	KM-39-WW	KM-39-SW	KM-41-EW	KM-41-B1	KM-41-NW	KM-41-SW	KM-41-WW
	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015
Depth (feet bgs)	4.5 to 4.5	5 to 5	6 to 6.5	4.5	5	4 to 4	5 to 5	5.5 to 5.5	4	4	1.5 to 1.5	2.5 to 2.5	1.5	1.5	1.5	3.5 to 3.5	4.5 to 4.5	3.5	3.5	3.5	4 to 4	6 to 6	4	4	4
Metals																									
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																									
Aroclor 1016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds																									
(3+4)-Methylphenol (m,p-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aniline	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzidine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	0.32	0.62	0.3	0.78	0.0081 U	2.8	1.7	0.84	1.6	3.8	3.5	0.15	0.10	0.18	0.074	0.0081 U	0.014	0.044	0.14	0.025
Benzo(a)pyrene	--	--	--	--	--	0.3	0.55	0.25	0.69	0.0081 U	3.7	1.9	1.2	2	3.3	4.5	0.12	0.088	0.15	0.071	0.068	0.11	0.048	0.11	0.27
Benzo(b)fluoranthene	--	--	--	--	--	0.24	0.34	0.22	0.54	0.0081 U	6	2.5	1.6	2.8	10	5	0.14	0.10	0.22	0.078	0.048	0.13	0.053	0.18	0.0091
Benzo(ghi)perylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	2015 Hot Spot Soil Excavation and Treatment															2015 Hot Spot Soil Excavation and Treatment (cont)									
	KM-19-NW	KM-19-EW	KM-19-Bot	KM-19-SW	KM-19-WW	KM-30-EW	KM-30-SW	KM-30-Bot	KM-30-WW	KM-30-NW	KM-32-EW	KM-32-Bot	KM-32-NW	KM-32-SW	KM-32-WW	KM-39-EW	KM-39-B1	KM-39-NW	KM-39-WW	KM-39-SW	KM-41-EW	KM-41-B1	KM-41-NW	KM-41-SW	KM-41-WW
	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015
Depth (feet bgs)	4.5 to 4.5	5 to 5	6 to 6.5	4.5	5	4 to 4	5 to 5	5.5 to 5.5	4	4	1.5 to 1.5	2.5 to 2.5	1.5	1.5	1.5	3.5 to 3.5	4.5 to 4.5	3.5	3.5	3.5	4 to 4	6 to 6	4	4	4
Metals																									
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	--	--	--	--	--	0.16	0.37	0.15	0.37	0.0081 U	2.6	1.4	0.96	1.7	3.5	1.7	0.051	0.035	0.061	0.022	0.0081 U	0.022	0.018	0.035	0.0083 U
Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzyl alcohol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	0.35	0.66	0.3	0.79	0.0081 U	3.9	2.1	1.3	2.1	7.9	4.3	0.18	0.12	0.22	0.089	0.01	0.047	0.019	0.13	0.0083 U
Dibenz(a,h)anthracene	--	--	--	--	--	0.082	0.14	0.057	0.17	0.0081 U	1.6	0.59	0.46	0.68	1.7	0.64	0.036 U	0.014	0.036 U	0.0085	0.025	0.045	0.057	0.016	0.076
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	0.15	0.26	0.14	0.33	0.0081 U	2.8	1.2	0.87	1.3	3.2	2.9	0.075	0.043	0.096	0.036	0.089	0.17	0.45	0.051	0.67
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tota cPAHs	--	--	--	--	--	0.399	0.73	0.34	0.917	0.006 U	5.32	2.66	1.69	2.83	5.6	5.92	0.165	0.118	0.21	0.094	0.085	0.149	0.110	0.154	0.348
Total Petroleum Hydrocarbons																									
Gasoline Range Organics	56	36	420	4.0 U	5.4 U	3500	2500	2400	2600	100	--	--	--	--	--	1200	1600	7.2 U	3100	170	5 U	380	6.6 U	3600	6.5 U
Diesel Range Organics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lube Oil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds																									
1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	2015 Hot Spot Soil Excavation and Treatment															2015 Hot Spot Soil Excavation and Treatment (cont)									
	KM-19-NW	KM-19-EW	KM-19-Bot	KM-19-SW	KM-19-WW	KM-30-EW	KM-30-SW	KM-30-Bot	KM-30-WW	KM-30-NW	KM-32-EW	KM-32-Bot	KM-32-NW	KM-32-SW	KM-32-WW	KM-39-EW	KM-39-B1	KM-39-NW	KM-39-WW	KM-39-SW	KM-41-EW	KM-41-B1	KM-41-NW	KM-41-SW	KM-41-WW
	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	2/26/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/5/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015	3/6/2015
Depth (feet bgs)	4.5 to 4.5	5 to 5	6 to 6.5	4.5	5	4 to 4	5 to 5	5.5 to 5.5	4	4	1.5 to 1.5	2.5 to 2.5	1.5	1.5	1.5	3.5 to 3.5	4.5 to 4.5	3.5	3.5	3.5	4 to 4	6 to 6	4	4	4
Metals																									
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloroethylvinylether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.17	0.13	0.16	0.18	0.02 U	--	--	--	--	--	0.48	0.048	0.020 U	0.24	0.020 U	0.020 U	0.020 U	0.020 U	0.021	0.020 U
Bromobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.039 U	0.045 U	0.1 U	0.04 U	0.054 U	1.3	0.93	0.91	1	0.051 U	--	--	--	--	--	13	0.3	0.072 U	0.64	0.088 U	0.050 U	0.097 U	0.066 U	0.52	0.065 U
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	0.10	0.080	0.44	0.059	0.054 U	9.8	8.4	7.4	8.5	0.19	--	--	--	--	--	24	2.5	0.072 U	5.9	0.33	0.050 U	0.24	0.066 U	5.6	0.065 U
Methyl ethyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Isobutyl Ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-Butyl Ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	0.039 U	0.045 U	0.1 U	0.04 U	0.054 U	2 U	1.1 U	1.2 U	1.2 U	0.051 U	--	--	--	--	--	3.9	0.6 U	0.072 U	1.2 U	0.088 U	0.050 U	0.097 U	0.066 U	1.0 U	0.065 U
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	0.039 U	0.045 U	0.1 U	0.04 U	0.054 U	0.1 U	0.11 U	0.12 U	0.12 U	0.051 U	--	--	--	--	--	0.19	0.12 U	0.072 U	0.23 U	0.088 U	0.050 U	0.097 U	0.066 U	0.10 U	0.065 U
Trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Acetate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

	2015 UST Removal				Samples Collected from First Trench Installation												Samples Collected from Second Remedial Trench									
Analyte	TANK2-SOIL-S1-5	TANK2-SOIL-S2-5	TANK2-SOIL-S3-5	TANK2-SOIL-B1-9.5	KM-R01	KM-R01	KM-R03	KM-R03	KM-R05	KM-R05	KM-R07	KM-R07	KM-R09	KM-R09	KM-R11	KM-R11	KM-R13	KM-53	KM-53	KM-53	KM-53	KM-54	KM-54	KM-54	KM-55	KM-55	KM-55
	6/22/2015	6/22/2015	6/22/2015	6/18/2015	10/15/2015	10/15/2015	10/16/2015	10/16/2015	10/19/2015	10/19/2015	10/20/2015	10/20/2015	10/20/2015	10/20/2015	10/21/2015	10/21/2015	11/3/2015	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016
Depth (feet bgs)	5 to 5	5 to 5	5 to 5	9.5 to 9.5	2 to 2	5 to 5	2 to 2	6 to 6	2 to 2	6.5 to 6.5	2 to 2	5 to 5	2 to 2	5 to 5	2 to 2	5 to 5	3 to 3	2.5 to 2.5	6 to 6	9 to 9	13.5 to 13.5	3 to 3	6 to 6	9 to 9	3 to 3	6 to 6	9 to 9
Metals																											
Arsenic	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6 U	5.2 U	--	--	42	5.3 U	--	8.4	5.4 U	--
Barium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.52 U	--	--	0.54 U	0.53 U	--	0.57 U	0.54 U	--
Chromium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	39	11	--	--	32	10	--	37	7.7	--
Copper	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	5.2 U	--	--	53	5.3 U	--	210	5.4 U	--
Mercury	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.28 U	0.26 U	--	--	0.27 U	0.26 U	--	0.28 U	0.27 U	--
Nickel	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls																											
Aroclor 1016	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1221	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1232	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1242	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1248	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1254	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Aroclor 1260	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 U	0.052 U	--	--	0.054 U	0.053 U	--	0.057 U	0.054 U	--
Semivolatile Organic Compounds																											
(3+4)-Methylphenol (m,p-Cresol)	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dinitrobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dinitrobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0088	0.007 U	0.0081	--	0.062	0.007 U	--	0.059	0.0072 U	
2,3,4,6-Tetrachlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,5,6-Tetrachlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3-Dichloroaniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012	0.007 U	0.0099	--	0.057	0.007 U	--	0.066	0.0072 U	--
2-Methylphenol (o-Cresol)	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0075 U	0.009	0.016	--	0.061	0.007 U	--	0.062	0.0072 U	--
Acenaphthylene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0075 U	0.007 U	0.029	--	0.015	0.007 U	--	0.012	0.0072 U	--
Aniline	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0075 U	0.007 U	0.016	--	0.044	0.007 U	--	0.094	0.0072 U	--
Benzidine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012	0.007 U	0.16	--	0.14	0.007 U	--	1.3	0.0072 U	--
Benzo(a)pyrene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.013	0.007 U	0.31	--	0.13	0.007 U	--	1.7	0.0072 U	--
Benzo(b)fluoranthene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.027	0.007 U	0.39	--	0.19	0.007 U	--	3	0.0072 U	--
Benzo(ghi)perylene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0082	0.007 U	0.25	--	0.12	0.007 U	--	1.8	0.0072 U	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	2015 UST Removal				Samples Collected from First Trench Installation												Samples Collected from Second Remedial Trench									
	TANK2-SOIL-S1-5	TANK2-SOIL-S2-5	TANK2-SOIL-S3-5	TANK2-SOIL-B1-9.5	KM-R01	KM-R01	KM-R03	KM-R03	KM-R05	KM-R05	KM-R07	KM-R07	KM-R09	KM-R09	KM-R11	KM-R11	KM-R13	KM-53	KM-53	KM-53	KM-53	KM-54	KM-54	KM-54	KM-55	KM-55	KM-55
	6/22/2015	6/22/2015	6/22/2015	6/18/2015	10/15/2015	10/15/2015	10/16/2015	10/16/2015	10/19/2015	10/19/2015	10/20/2015	10/20/2015	10/20/2015	10/20/2015	10/21/2015	10/21/2015	11/3/2015	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016
Depth (feet bgs)	5 to 5	5 to 5	5 to 5	9.5 to 9.5	2 to 2	5 to 5	2 to 2	6 to 6	2 to 2	6.5 to 6.5	2 to 2	5 to 5	2 to 2	5 to 5	2 to 2	5 to 5	3 to 3	2.5 to 2.5	6 to 6	9 to 9	13.5 to 13.5	3 to 3	6 to 6	9 to 9	3 to 3	6 to 6	9 to 9
Metals																											
Arsenic	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6 U	5.2 U	--	--	42	5.3 U	--	8.4	5.4 U	--
Barium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.52 U	--	--	0.54 U	0.53 U	--	0.57 U	0.54 U	--
Chromium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	39	11	--	--	32	10	--	37	7.7	--
Copper	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	5.2 U	--	--	53	5.3 U	--	210	5.4 U	--
Mercury	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.28 U	0.26 U	--	--	0.27 U	0.26 U	--	0.28 U	0.27 U	--
Nickel	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0087	0.007 U	0.1	--	0.059	0.007 U	--	0.95	0.0072 U	--
Benzo(k)fluoranthene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzyl alcohol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis-2-Ethylhexyladipate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbazole	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017	0.007 U	0.18	--	0.18	0.007 U	--	1.7	0.0072 U	--
Dibenz(a,h)anthracene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0075 U	0.007 U	0.048	--	0.032	0.007 U	--	0.47	0.0072 U	--
Dibenzofuran	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octylphthalate	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011	0.007 U	0.38	--	0.3	0.007 U	--	1.7	0.0072 U	--
Fluorene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0075 U	0.007 U	0.013	--	0.065	0.007 U	--	0.043	0.0072 U	--
Hexachlorobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.008	0.007 U	0.19	--	0.11	0.007 U	--	1.4	0.0072 U	--
Isophorone	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.018	0.012	0.012	--	0.093	0.007 U	--	0.1	0.0072 U	--
Nitrobenzene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0082	0.007 U	0.015	--	0.3	0.007 U		0.52	0.0072 U	--
Phenol	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.013	0.007 U	0.69	--	0.3	0.007 U	--	1.6	0.0072 U	--
Pyridine	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tota cPAHs	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.019	0.005 U	0.401	--	0.185	0.005 U	--	2.43	0.005 U	--
Total Petroleum Hydrocarbons																											
Gasoline Range Organics	520	5.3 U	2000	2700	69	21	7.6 U	700	230	140	4.7 U	99	4.5 U	1400	9.3	5000	100	3.6 U	5 U	910		6.9	5 U	5.7 U	4.5 U	5.4 U	6.1 U
Diesel Range Organics	560	94	2600	2100	--	--	--	--	--	--	--	--	--	--	--	--	--	28 U	26 U	640	30 U	61	26 U	29 U	42	27 U	30 U
Lube Oil	280	72	850	280	--	--	--	--	--	--	--	--	--	--	--	--	--	57	52 U	170	60 U	400	53 U	58 U	210	54 U	59 U
Volatile Organic Compounds																											
1,1,1,2-Tetrachloroethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	2015 UST Removal				Samples Collected from First Trench Installation												Samples Collected from Second Remedial Trench									
	TANK2-SOIL-S1-5	TANK2-SOIL-S2-5	TANK2-SOIL-S3-5	TANK2-SOIL-B1-9.5	KM-R01	KM-R01	KM-R03	KM-R03	KM-R05	KM-R05	KM-R07	KM-R07	KM-R09	KM-R09	KM-R11	KM-R11	KM-R13	KM-53	KM-53	KM-53	KM-53	KM-54	KM-54	KM-54	KM-55	KM-55	KM-55
	6/22/2015	6/22/2015	6/22/2015	6/18/2015	10/15/2015	10/15/2015	10/16/2015	10/16/2015	10/19/2015	10/19/2015	10/20/2015	10/20/2015	10/20/2015	10/20/2015	10/21/2015	10/21/2015	11/3/2015	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016	8/2/2016
Depth (feet bgs)	5 to 5	5 to 5	5 to 5	9.5 to 9.5	2 to 2	5 to 5	2 to 2	6 to 6	2 to 2	6.5 to 6.5	2 to 2	5 to 5	2 to 2	5 to 5	2 to 2	5 to 5	3 to 3	2.5 to 2.5	6 to 6	9 to 9	13.5 to 13.5	3 to 3	6 to 6	9 to 9	3 to 3	6 to 6	9 to 9
Metals																											
Arsenic	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6 U	5.2 U	--	--	42	5.3 U	--	8.4	5.4 U	--
Barium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 U	0.52 U	--	--	0.54 U	0.53 U	--	0.57 U	0.54 U	--
Chromium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	39	11	--	--	32	10	--	37	7.7	--
Copper	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	5.2 U	--	--	53	5.3 U	--	210	5.4 U	--
Mercury	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.28 U	0.26 U	--	--	0.27 U	0.26 U	--	0.28 U	0.27 U	--
Nickel	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	1.0	0.048 U	14	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	0.24 U	0.24 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	0.49	0.048 U	3.0	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloroethylvinylether	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	0.48 U	0.017	0.52	3.4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.22	0.0012 U	0.052 U	0.34 U	0.076	0.02 U	0.02 U	0.23	0.031	0.099	0.02 U	0.18	0.02 U	0.02 U	0.02 U	0.075	0.02 U	0.02 U	0.025	0.047 U	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromobenzene	0.048 U	0.048 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cis-1,3-Dichloropropene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorobromomethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	0.048 U	0.0012 U	0.072 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.2	0.053	4.3	0.34 U	0.18	0.2	0.076 U	5.3	0.087 U	2	0.047 U	8.6	0.045 U	0.27	0.078	0.89	0.057 U	0.036 U	0.05 U	0.24 U	--	0.053 U	0.05 U	0.057 U	0.045 U	0.054 U	0.061 U
Hexachlorobutadiene	0.24 U	0.24 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	0.048 U	0.0012 U	0.33	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	6.6	0.26	140	0.68 U	0.25	0.33	0.22	5.9	0.41	6.8	0.11	6.9	0.045 U	2.7	0.33	7.5	0.13	0.038	0.05 U	0.51	--	0.053 U	0.05 U	0.057 U	0.045 U	0.054 U	0.061 U
Methyl ethyl ketone	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Isobutyl Ketone	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-Butyl Ether	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	0.85	0.048 U	9.1	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	0.048 U	0.048 U	1.4	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	0.06	0.048 U	0.24	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	0.44	0.0012 U	30	0.34 U	0.063 U	0.053 U	0.076 U	0.32 U	0.087 U	0.61	0.047 U	0.095 U	0.045 U	0.1 U	0.068 U	1.5 U	0.057 U	0.036 U	0.05 U	0.24 U	--	0.053 U	0.05 U	0.057 U	0.045 U	0.054 U	0.061 U
p-Isopropyltoluene	0.15	0.048 U	1.7	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	0.048 U	0.048 U	0.53	0.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	0.048 U	0.048 U	0.080	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	0.49	0.0058 U	0.26 U	1.7 U	0.063 U	0.053 U	0.076 U	0.063 U	0.087 U	0.072 U	0.047 U	0.095 U	0.045 U	0.1 U	0.068 U	0.29 U	0.057 U	0.036 U	0.05 U	0.24 U	--	0.053 U	0.05 U	0.057 U	0.045 U	0.054 U	0.061 U
Trans-1,2-Dichloroethene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,3-Dichloropropene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Acetate	0.24 U	0.0058 U	0.26 U	1.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	0.048 U	0.0012 U	0.052 U	0.34 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Monitoring Well Installation														
	KMW-02R	KMW-02R	KMW-03R	KMW-03R	KMW-06	KMW-06	KMW-06	KMW-07	KMW-07	KMW-08	KMW-08	KMW-09	KMW-09	KMW-10	KMW-10
	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	11/4/2016	11/4/2016	11/4/2016	11/4/2016
Depth (feet bgs)	10 to 11	14 to 15	10.5 to 11.5	14 to 15	8.5 to 9.5	14.5 to 15.5	16.5 to 17.5	8.5 to 9.5	14.5 to 15.5	11.5 to 12.5	14.5 to 15.5	6 to 7.5	14 to 15	8.5 to 11	14 to 15
Metals															
Arsenic	6 U	6.1 U	5.9 U	12	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Barium	64	20	28	30	27	14	9.6	33	17	41	27	--	--	--	--
Cadmium	0.6 U	0.61 U	0.59 U	0.6 U	0.57 U	0.62 U	0.58 U	0.59 U	0.59 U	0.61 U	0.58 U	--	--	--	--
Chromium	10	7	8.2 J	12 J	4.5	8.5	7.5	13 J	10 J	9.9 J	8.1 J	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Mercury	0.3 U	0.31 U	0.3 U	0.3 U	0.28 U	0.31 U	0.29 U	0.3 U	0.3 U	0.31 U	0.29 U	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Silver	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls															
Aroclor 1016	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1221	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1232	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1242	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1248	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1254	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Aroclor 1260	0.06 U	0.061 U	0.059 U	0.06 U	0.057 U	0.062 U	0.058 U	0.059 U	0.059 U	0.061 U	0.058 U	--	--	--	--
Semivolatile Organic Compounds															
(3+4)-Methylphenol (m,p-Cresol)	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
1,2,4-Trichlorobenzene	--	--	0.39 U	0.04 U				0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
1,2-Dichlorobenzene	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
1,2-Dinitrobenzene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
1,2-Diphenylhydrazine	--	--	0.041	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
1,3-Dichlorobenzene	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
1,3-Dinitrobenzene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
1,4-Dichlorobenzene	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
1,4-Dinitrobenzene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
1-Methylnaphthalene	0.008 U	0.0081 U	0.032	0.011	0.42	0.062	0.0078 U	0.0079 U	0.0079 U	0.16	0.0078 U	--	--	--	--
2,3,4,6-Tetrachlorophenol	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,3,5,6-Tetrachlorophenol	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,3-Dichloroaniline	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,4,5-Trichlorophenol	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,4,6-Trichlorophenol	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,4-Dichlorophenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
2,4-Dimethylphenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.66	0.039 U	--	--	--	--
2,4-Dinitrophenol	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
2,4-Dinitrotoluene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2,6-Dinitrotoluene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2-Chloronaphthalene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2-Chlorophenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
2-Methylnaphthalene	0.008 U	0.0081 U	0.019	0.011	0.4	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.098	0.0078 U	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
2-Nitroaniline	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
2-Nitrophenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
3,3'-Dichlorobenzidine	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
3-Nitroaniline	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
4,6-Dinitro-2-methylphenol	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
4-Bromophenyl-phenylether	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
4-Chloro-3-methylphenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
4-Chloroaniline	--	--	2 U	0.2 U	--	--	--	0.2 U	0.2 U	2 U	0.19 U	--	--	--	--
4-Chlorophenyl-phenylether	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
4-Nitroaniline	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
4-Nitrophenol	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Acenaphthene	0.008 U	0.0081 U	0.016	0.021	0.18	0.54	0.0078 U	0.0079 U	0.0079 U	0.48	0.0078 U	--	--	--	--
Acenaphthylene	0.008 U	0.0081 U	0.016 U	0.0081 U	0.0097	0.05	0.0078 U	0.0079 U	0.0079 U	0.076	0.0078 U	--	--	--	--
Aniline	--	--	2 U	0.2 U	--	--	--	0.2 U	0.2 U	2 U	0.19 U	--	--	--	--
Anthracene	0.008 U	0.0081 U	0.016 U	0.0081 U	0.05	0.0097	0.0078 U	0.0079 U	0.0079 U	0.31	0.0078 U	--	--	--	--
Benzidine	--	--	0.39 U	0.4 U	--	--	--	0.4 U	0.4 U	0.41 U	0.39 U	--	--	--	--
Benzo(a)anthracene	0.032	0.0081 U	0.029	0.0081 U	0.022	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.44	0.0078 U	--	--	--	--
Benzo(a)pyrene	0.067	0.0081 U	0.022	0.0081 U	0.02	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.66	0.0078 U	--	--	--	--
Benzo(b)fluoranthene	0.087	0.0081 U	0.027	0.0081 U	0.025	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.78	0.0078 U	--	--	--	--
Benzo(ghi)perylene	0.073	0.0081 U	0.016 U	0.0081 U	0.014	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.44	0.0078 U	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Monitoring Well Installation														
	KMW-02R	KMW-02R	KMW-03R	KMW-03R	KMW-06	KMW-06	KMW-06	KMW-07	KMW-07	KMW-08	KMW-08	KMW-09	KMW-09	KMW-10	KMW-10
	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	11/4/2016	11/4/2016	11/4/2016	11/4/2016
Depth (feet bgs)	10 to 11	14 to 15	10.5 to 11.5	14 to 15	8.5 to 9.5	14.5 to 15.5	16.5 to 17.5	8.5 to 9.5	14.5 to 15.5	11.5 to 12.5	14.5 to 15.5	6 to 7.5	14 to 15	8.5 to 11	14 to 15
Metals															
Arsenic	6 U	6.1 U	5.9 U	12	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Barium	64	20	28	30	27	14	9.6	33	17	41	27	--	--	--	--
Cadmium	0.6 U	0.61 U	0.59 U	0.6 U	0.57 U	0.62 U	0.58 U	0.59 U	0.59 U	0.61 U	0.58 U	--	--	--	--
Chromium	10	7	8.2 J	12 J	4.5	8.5	7.5	13 J	10 J	9.9 J	8.1 J	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Mercury	0.3 U	0.31 U	0.3 U	0.3 U	0.28 U	0.31 U	0.29 U	0.3 U	0.3 U	0.31 U	0.29 U	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Silver	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(j,k)fluoranthene	0.03	0.0081 U	0.016 U	0.0081 U	0.01	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.27	0.0078 U	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzyl alcohol	--	--	2 U	0.2 U	--	--	--	0.2 U	0.2 U	2 U	0.19 U	--	--	--	--
bis(2-Chloroethoxy)methane	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
bis(2-Chloroethyl)ether	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
bis(2-Chloroisopropyl)ether	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
bis-2-Ethylhexyladipate	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Butylbenzylphthalate	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Carbazole	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Chrysene	0.038	0.0081 U	0.03	0.0081 U	0.022	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.53	0.0078 U	--	--	--	--
Dibenz(a,h)anthracene	0.014	0.0081 U	0.016 U	0.0081 U	0.0076 U	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.11	0.0078 U	--	--	--	--
Dibenzofuran	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.18	0.039 U	--	--	--	--
Diethylphthalate	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
Dimethylphthalate	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Di-n-butylphthalate	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
Di-n-octylphthalate	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Fluoranthene	0.035	0.0081 U	0.064	0.0081 U	0.068	0.012	0.0078 U	0.0079 U	0.0079 U	1.2	0.0078 U	--	--	--	--
Fluorene	0.008 U	0.0081 U	0.016 U	0.017	0.11	0.061	0.0078 U	0.0079 U	0.0079 U	0.56	0.0078 U	--	--	--	--
Hexachlorobenzene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Hexachlorobutadiene	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
Hexachlorocyclopentadiene	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Hexachloroethane	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.052	0.0081 U	0.016 U	0.0081 U	0.0083	0.0083 U	0.0078 U	0.0079 U	0.0079 U	0.33	0.0078 U	--	--	--	--
Isophorone	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
Naphthalene	0.008 U	0.0081 U	0.13	0.033	0.078	0.057	0.0078 U	0.0079 U	0.0079 U	0.69	0.019	--	--	--	--
Nitrobenzene	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
N-Nitrosodimethylamine	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
N-Nitroso-di-n-propylamine	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
N-Nitrosodiphenylamine	--	--	0.039 U	0.04 U	--	--	--	0.04 U	0.04 U	0.041 U	0.039 U	--	--	--	--
Pentachlorophenol	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U	0.2 U	0.19 U	--	--	--	--
Phenanthrene	0.018	0.0081 U	0.09	0.012	0.21	0.0092	0.0078 U	0.0079 U	0.0079 U	0.85	0.0078 U	--	--	--	--
Phenol	--	--	0.39 U	0.04 U	--	--	--	0.04 U	0.04 U	0.41 U	0.039 U	--	--	--	--
Pyrene	0.037	0.0081 U	0.084	0.0081 U	0.069	0.015	0.0078 U	0.0079 U	0.0079 U	1.2	0.0078 U	--	--	--	--
Pyridine	--	--	3.9 U	0.4 U	--	--	--	0.4 U	0.4 U	4.1 U	0.39 U	--	--	--	--
Tota cPAHs	0.089	0.006 U	0.03	0.006 U	0.027	0.006 U	0.006 U	0.006 U	0.006 U	0.858	0.006 U	--	--	--	--
Total Petroleum Hydrocarbons															
Gasoline Range Organics	7.5	6.3 U	6200	20	1500	7.3 U	5.9 U	85	6.7 U	2400	6.2 U	3,600	7.4 U	6.2 U	6.9 U
Diesel Range Organics	30 U	31 U	2000 U	30 U	1100 U	31 U	29 U	30 U	30 U	2500 J	29 U	--	--	--	--
Lube Oil	60 U	61 U	59 U	60 U	57 U	62 U	59 U	59 U	59 U	420 J	58 U	--	--	--	--
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,1,1-Trichloroethane	0.000054 U	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
1,1,2,2-Tetrachloroethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,1,2-Trichloroethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,1-Dichloroethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,1-Dichloroethene	0.000054 U	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
1,1-Dichloropropene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2,3-Trichlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2,3-Trichloropropane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2,4-Trichlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--

TABLE G-3

SOIL ANALYTICAL RESULTS [1,2]

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Analyte	Monitoring Well Installation															
	KMW-02R	KMW-02R	KMW-03R	KMW-03R	KMW-06	KMW-06	KMW-06	KMW-07	KMW-07	KMW-08	KMW-08	KMW-09	KMW-09	KMW-10	KMW-10
	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	11/4/2016	11/4/2016	11/4/2016	11/4/2016
Depth (feet bgs)	10 to 11	14 to 15	10.5 to 11.5	14 to 15	8.5 to 9.5	14.5 to 15.5	16.5 to 17.5	8.5 to 9.5	14.5 to 15.5	11.5 to 12.5	14.5 to 15.5	6 to 7.5	14 to 15	8.5 to 11	14 to 15
Metals															
Arsenic	6 U	6.1 U	5.9 U	12	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Barium	64	20	28	30	27	14	9.6	33	17	41	27	--	--	--	--
Cadmium	0.6 U	0.61 U	0.59 U	0.6 U	0.57 U	0.62 U	0.58 U	0.59 U	0.59 U	0.61 U	0.58 U	--	--	--	--
Chromium	10	7	8.2 J	12 J	4.5	8.5	7.5	13 J	10 J	9.9 J	8.1 J	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Mercury	0.3 U	0.31 U	0.3 U	0.3 U	0.28 U	0.31 U	0.29 U	0.3 U	0.3 U	0.31 U	0.29 U	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	6 U	6.1 U	5.9 U	6 U	5.7 U	6.2 U	5.8 U	5.9 U	5.9 U	6.1 U	5.8 U	--	--	--	--
Silver	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	0.0011 U	0.0011 U	0.57	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2-Dibromo-3-chloropropane	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
1,2-Dibromoethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2-Dichlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2-Dichloroethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,2-Dichloropropane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,3,5-Trimethylbenzene	0.0011 U	0.0011 U	0.14	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,3-Dichlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,3-Dichloropropane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
1,4-Dichlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
2,2-Dichloropropane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
2-Chloroethylvinylether	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
2-Chlorotoluene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
2-Hexanone	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
4-Chlorotoluene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Acetone	0.012 J	0.0053 U	0.32 U	0.007 J	0.32 U	0.061 J	0.0066 J	0.036 J	0.0072 J	0.34 U	0.0068 J	--	--	--	--
Benzene	0.0016	0.0011 U	0.083	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	0.11	0.020 U	0.020 U	0.020 U
Bromobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Bromochloromethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Bromoform	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Bromomethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Carbon Disulfide	0.0011 U	0.0011 U	0.065 U	0.011	0.063 U	0.018	0.0025	0.0014 U	0.0011 U	0.068 U	0.0096	--	--	--	--
Carbon Tetrachloride	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Chlorobenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Chloroethane	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Chloroform	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Chloromethane	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Cis-1,2-Dichloroethene	0.000054 U	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
Cis-1,3-Dichloropropene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Dibromochloromethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Dibromomethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Dichlorobromomethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Dichlorodifluoromethane	0.0014 U	0.0014 U	0.097 U	0.0017 U	0.095 U	0.0018 U	0.0016 U	0.002 U	0.0015 U	0.1 U	0.0014 U	--	--	--	--
Ethylbenzene	0.0011 U	0.0011 U	10	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	0.43	0.074 U	0.062 U	0.069 U
Hexachlorobutadiene	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Iodomethane	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Isopropylbenzene	0.004	0.0011 U	1.2	0.0029	0.32	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.94	0.0011 U	--	--	--	--
m,p-Xylene	0.0022 U	0.0021 U	19	0.0026 U	0.13 U	0.0028 U	0.0025 U	0.0027 U	0.0022 U	0.14 U	0.0022 U	4.5	0.074 U	0.062 U	0.069 U
Methyl ethyl ketone	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.02 J	0.0062 U	0.0073 J	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Methyl Isobutyl Ketone	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Methyl t-Butyl Ether	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Methylene Chloride	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.63 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Naphthalene	0.0011 U	0.0011 U	0.18	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
n-Butylbenzene	0.0011 U	0.0011 U	1	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	2.4	0.0011 U	--	--	--	--
n-Propylbenzene	0.0011 U	0.0011 U	1.8	0.0027	0.56	0.0014 U	0.0012 U	0.0014 U	0.0011 U	1.5	0.0011 U	--	--	--	--
o-Xylene	0.0011 U	0.0011 U	0.64	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	0.30 U	0.074 U	0.062 U	0.069 U
p-Isopropyltoluene	0.0053	0.0011 U	0.073	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
sec-Butylbenzene	0.0011 U	0.0011 U	0.45	0.0013 U	0.18	0.0014 U	0.0012 U	0.004	0.0011 U	4.2	0.0011 U	--	--	--	--
Styrene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
tert-Butylbenzene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.2	0.0011 U	--	--	--	--
Tetrachloroethene	0.0013	0.000062	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
Toluene	0.013	0.012	0.54	0.007	0.32 U	0.013	0.014	0.012	0.02	0.34 U	0.0098	0.30 U	0.074 U	0.062 U	0.069 U
Trans-1,2-Dichloroethene	0.000054 U	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
Trans-1,3-Dichloropropene	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Trichloroethene	0.00009	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--
Trichlorofluoromethane	0.0011 U	0.0011 U	0.065 U	0.0013 U	0.063 U	0.0014 U	0.0012 U	0.0014 U	0.0011 U	0.068 U	0.0011 U	--	--	--	--
Vinyl Acetate	0.0054 U	0.0053 U	0.32 U	0.0064 U	0.32 U	0.0069 U	0.0062 U	0.0068 U	0.0056 U	0.34 U	0.0056 U	--	--	--	--
Vinyl Chloride	0.000054 U	0.000053 U	0.0032 U	0.000064 U	0.0032 U	0.000069 U	0.000062 U	0.000068 U	0.000056 U	0.0034 U	0.000056 U	--	--	--	--

Notes:
1. Data qualifiers are as follows:
   U = The analyte was not detected at the reporting limit indicated.
   J = The value is an estimate.
   UJ = The analyte was not detected at the estimated reporting limit indicated.
2. Yellow highlighting signifies that those samples were over-excavated.

Abbreviations:
-- = not analyzed
bgs = below ground surface
mg/kg = milligrams per kilogram

APPENDIX H

Analytical Data and Data Review

Memo

To:	Natasya Gray	Project:	14697
From:	Crystal Neirby	cc:	Project File
Date:	September 7, 2009		

Subject: Kelly Moore Paints – Soil and Groundwater Sampling – August 2009 Summary Data Quality Review – SDGs 0908-035, 0908-035B, 0908-051, 0908-051B, 0908-051C, 0908-054, 0908-054B

This memorandum presents a summary data quality review for analyses of 27 primary soil samples and 13 primary groundwater samples collected from August 5 through 7, 2009. The samples were submitted to OnSite Environmental Inc. (OnSite), a Washington State Department of Ecology (Ecology)-accredited laboratory, located in Redmond, Washington. The analyses were performed in general accordance with methods specified in the U.S. Environmental Protection Agency's (EPA's) Test Methods for Evaluating Solid Waste (SW-846) (EPA, 2008a). The samples were analyzed for the following analytes:

- Total petroleum hydrocarbons (TPH) as gasoline by Ecology Method NWTPH-Gx,
- TPH as gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX) by NWTPH-Gx,
- TPH as diesel extended by Ecology Method NWTPH-Dx,
- Volatile organic compounds (VOCs) by EPA Method 8260B,
- Semivolatile organic compounds (SVOCs) by EPA Method 8270 with polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 with selective ion monitoring (SIM),
- Polychlorinated biphenyls (PCBs) by EPA Method 8082; and
- Total metals (Resource Conservation and Recovery Act [RCRA] 8 list) by EPA Method 6010B for soil samples and EPA Method 200.8 for water samples, with mercury analyzed using EPA Method 7471A for soil samples and EPA Method 7470A for water samples.

The samples associated with each sample delivery group (SDG) and a summary of the data quality review are presented in Table 1 (attached). Some samples were submitted and placed on hold, pending results of associated samples. The samples placed on hold are also included in Table 1.

The samples were received within the acceptable temperature range of 4 ± 2°C, and there were no sample discrepancies noted by the laboratory upon receipt. Samples analyzed for TPH as gasoline and VOCs were collected according to EPA Method 5035A. As indicated by the

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laboratory, the samples were submitted in preweighted 40-milliliter (mL) vials within 48 hours of collection and stored frozen until extraction or analysis.

Data were reviewed in accordance with the appropriate method procedures. The most current control limits provided by the laboratory were used to evaluate the quality control data.

The following were reviewed to assess compliance with applicable methods and the laboratory procedures: hold times; method blanks, blank spike (BS) and blank spike duplicate (BSD) results; matrix spike/matrix spike duplicate (MS/MSD) results; surrogate recoveries; laboratory duplicate results; and reporting limits. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA guidance (EPA, 2004 and 2008).

Soil and groundwater samples were analyzed for TPH as gasoline, TPH as diesel, VOCs, SVOCs, PCBs, and total metals by the methods identified previously in this report and were evaluated for the following criteria.

1. Holding Times – Acceptable except as noted:

   SDG 0908-051C: The analysis of TPH as gasoline, VOCs, and SVOCs for sample KM-16-0809-8 was requested and the sample was extracted on August 27, 2009, seven days past the holding time. The TPH as gasoline, VOC, and SVOC results for sample KM-16-0809-8 are qualified as estimated and flagged with a "J."

   SDG 0908-054B: The analysis of VOCs for sample KM-8-0809-W was requested on August 27, 2009, seven days past the holding time, and the extraction was conducted on August 28, 2009. The VOC results for sample KM-8-0809-W are qualified as estimated and flagged with a "J."

2. Blanks – Acceptable except as noted:

   SVOCs by EPA 8270: The analyte 1,2-diphenylhydrazine was detected in the soil method blank associated with SDG 0908-051 at a concentration of 0.35 mg/kg. This compound was not detected in the associated samples; therefore, the sample results are not qualified.

3. BS/BSD – Acceptable

   The laboratory did not report blank spike results if acceptable MS/MSD or laboratory duplicate results were reported, following its standard operating procedure.

4. MS/MSD – Acceptable

   SDG 0908-035: The laboratory did not report MS/MSD results for the following analyses: TPH as gasoline, TPH as diesel, VOCs, SVOCs, and PCBs (water analysis). Sample results were evaluated based on BS and BSD results, except for TPH results for which only laboratory duplicate results were submitted.

SDG 0908-051: The laboratory did not report MS/MSD results for the following analyses: TPH as gasoline, TPH gasoline and BTEX, TPH as diesel, VOCs, SVOCs, and PCBs (water analysis). Sample results were evaluated based on BS and BSD results, except for TPH results for which only laboratory duplicate results were submitted.

SDG 0908-054: The laboratory did not report MS/MSD results for the following analyses: TPH as gasoline, TPH gasoline, TPH as diesel, VOCs, SVOCs, and PCBs (water analysis). Sample results were evaluated based on BS and BSD results, except for TPH results for which only laboratory duplicate results were submitted.

5. Surrogates – Acceptable except as noted:

   SDG 0908-051
   TPH as Gasoline by NWTPH-Gx: The surrogates were not recovered for samples KM-10-0809-2 and KM-10-0809-5.5 because of the high dilution necessitated by matrix interference. The sample results are not qualified because of the necessary high dilution.

   SVOCs by EPA 8270: The recovery of surrogate nitrobenzene-d5 in sample KM-10-0809-2 was 120 percent, greater than the control limits of 21 to 106 percent. The remaining four surrogates were within the control limits, and the affected analytes were all less than the reporting limit; therefore, sample results are not qualified.

   SDG 0908-054
   TPH as Gasoline by NWTPH-Gx: The surrogates were not recovered for samples KM-7-0809-7 and KM-5-0809-6.5 because of the high dilution necessitated by matrix interference. The sample results are not qualified because of the necessary high dilution.

   SVOCs by EPA 8270: The recovery of surrogate phenol-d6 in sample KM-8-0809-7 was 115 percent, greater than the control limits of 22 to 108 percent. The remaining four surrogates were within the control limits, and the affected analytes were all less than the reporting limit; therefore, sample results are not qualified. The recovery of surrogate 2,4,6-tribromophenol in the method blank associated with the soil samples was 37 percent, less than the control limits of 44 to 121 percent. The remaining surrogates were within the control limits, and the laboratory method allows for one SVOC surrogate to be outside the criteria as long as the recovery is greater than 10 percent.

6. Laboratory Duplicates – Acceptable

7. Reporting Limits and Laboratory Qualifiers – Acceptable except as noted:

   VOCs by EPA 8260B:
   SDG 0908-035: The laboratory noted that the internal standard, 1,4-dichlorobenzene-d4, for soil sample KM-1-0809-2 was not within the criteria

because of matrix interference. The sample was reanalyzed with similar results. The laboratory stated that compounds from bromobenzene onward should be considered estimates. The compounds are not further qualified and are reported as estimated and flagged with a "J."

SDG 0908-051: The laboratory noted that the internal standard, 1,4-dichlorobenzene-d4, for soil samples KM-16-0809-4 and KM-15-0809-4 were not within the criteria because of matrix interference. The samples were reanalyzed with similar results. The laboratory stated that compounds from bromobenzene onward should be considered estimates. Likewise, the internal standards chlorobenzene-d5 and 1,4-dichlorobenzene-d4 were not within the criteria for sample KM-11-0809-2.5. The laboratory stated that compounds from trans-1,3-dichloropropene onward should be considered estimates. The compounds are not further qualified and are reported as estimated and flagged with a "J."

SDG 0908-054: The laboratory stated in the case narrative that some Model Toxics Control Act cleanup levels are not achievable due to the dilution necessitated by matrix interference.

OVERALL ASSESSMENT OF DATA

The OnSite SDGs 0908-035, 0908-035B, 0908-051, 0908-051B, 0908-051C, 0908-054, 0908-054B are 100 percent complete. The data usability is based on EPA's guidance documents. Few problems were identified, and the analytical performance was generally within specified limits. The data are acceptable and meet the project's data quality objectives.

REFERENCES

EPA (U.S. Environmental Protection Agency), 2008a, Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846), Third Edition, September 1986; Final Update I, July 1992; Final Update IIA, August 1993; Final Update II, September 1994; Final Update IIB, January 1995; Final Update III, December 1996; Final Update IIIA, April 1998; Final Update IV, January 2008.

EPA, 2004, U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review: EPA 540-R-04-004, October.

EPA, 2008, U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-08-001, June.

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Laboratory Sample ID	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-2-0809-2	08-035-01	none			
KM-2-0809-4.5	08-035-02	HOLD			
KM-1-0809-2	08-035-03	bromobenzene	0.0014 UJ	mg/kg	internal standard recovery
		1,1,2,2-tetrachloroethane	0.0014 UJ		
		1,2,3-trichloropropane	0.0014 UJ		
		n-propylbenzene	0.0014 UJ		
		2-chlorotoluene	0.0014 UJ		
		4-chlorotoluene	0.0014 UJ		
		1,3,5-trimethylbenzene	0.0014 UJ		
		tert-butylbenzene	0.0014 UJ		
		1,2,4-trimethylbenzene	0.0014 UJ		
		sec-butylbenzene	0.0014 UJ		
		1,3-dichlorobenzene	0.0014 UJ		
		p-isopropyltoluene	0.0014 UJ		
		1,4-dichlorobenzene	0.0014 UJ		
		1,2-dichlorobenzene	0.0014 UJ		
		n-butylbenzene	0.0014 UJ		
		1,2-dibromo-3-chloropropane	0.0069 UJ		
		1,2,4-trichlorobenzene	0.0014 UJ		
		hexachlorobutadiene	0.0069 UJ		
		naphthalene	0.0014 UJ		
		1,2,3-trichlorobenzene	0.0014 UJ		
KM-1-0809-6	08-035-04	HOLD			
KM-9-0809-2	08-035-05	none			
KM-9-0809-6.5	08-035-06	HOLD			
KM-2-0809-W	08-035-07	none			
KM-1-0809-W	08-035-08	none			
KM-9-0809-W	08-035-09	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Laboratory Sample ID	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-16-0809-4	08-051-01	bromobenzene	0.0013 UJ	mg/kg	internal standard recovery
		1,1,2,2-tetrachloroethane	0.0013 UJ		
		1,2,3-trichloropropane	0.0013 UJ		
		n-propylbenzene	0.0013 UJ		
		2-chlorotoluene	0.0013 UJ		
		4-chlorotoluene	0.0013 UJ		
		1,3,5-trimethylbenzene	0.0013 UJ		
		tert-butylbenzene	0.0013 UJ		
		1,2,4-trimethylbenzene	0.0013 UJ		
		sec-butylbenzene	0.0013 UJ		
		1,3-dichlorobenzene	0.0013 UJ		
		p-isopropyltoluene	0.0013 UJ		
		1,4-dichlorobenzene	0.0013 UJ		
		1,2-dichlorobenzene	0.0013 UJ		
		n-butylbenzene	0.0013 UJ		
		1,2-dibromo-3-chloropropane	0.0064 UJ		
		1,2,4-trichlorobenzene	0.0013 UJ		
		hexachlorobutadiene	0.0064 UJ		
		naphthalene	0.0013 UJ		
		1,2,3-trichlorobenzene	0.0013 UJ		
KM-16-0809-8	08-051-02	TPH-Gasoline	5.2 UJ	mg/kg	Extracted past holding time
		all VOCs	all UJ		
		all SVOCs	J or UJ		

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Laboratory Sample ID	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-15-0809-4	08-051-03	bromobenzene	0.0012 UJ	mg/kg	internal
		1,1,2,2-tetrachloroethane	0.0012 UJ		standard
		1,2,3-trichloropropane	0.0012 UJ		recovery
		n-propylbenzene	0.0012 UJ		
		2-chlorotoluene	0.0012 UJ		
		4-chlorotoluene	0.0012 UJ		
		1,3,5-trimethylbenzene	0.0012 UJ		
		tert-butylbenzene	0.0012 UJ		
		1,2,4-trimethylbenzene	0.0012 UJ		
		sec-butylbenzene	0.0012 UJ		
		1,3-dichlorobenzene	0.0012 UJ		
		p-isopropyltoluene	0.0012 UJ		
		1,4-dichlorobenzene	0.0012 UJ		
		1,2-dichlorobenzene	0.0012 UJ		
		n-butylbenzene	0.0012 UJ		
		1,2-dibromo-3-chloropropane	0.0059 UJ		
		1,2,4-trichlorobenzene	0.0012 UJ		
		hexachlorobutadiene	0.0059 UJ		
		naphthalene	0.0012 UJ		
		1,2,3-trichlorobenzene	0.0012 UJ		
KM-15-0809-6.5	08-051-04	HOLD			
KM-14-0809-2	08-051-05	none			
KM-14-0809-7	08-051-06	HOLD			
KM-16-0809-W	08-051-07	none			
KM-15-0809-W	08-051-08	HOLD			
KM-14-0809-W	08-051-09	none			
KM-13-0809-2	08-051-10	none			
KM-10-0809-2	08-051-11	none			
KM-10-0809-5.5	08-051-12	none			
KM-10-0809-W	08-051-13	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Laboratory Sample ID	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-11-0809-2.5	08-051-14	trans-1,3-dichloropropene	0.0018 UJ	mg/kg	internal standard recovery
		11,2-trichloroethane	0.0018 UJ		
		tetrachloroethene	0.0018 UJ		
		1,3-dichloropropane	0.0018 UJ		
		2-hexanone	0.0091 UJ		
		dibromochloromethane	0.0018 UJ		
		1,2-dibromoethane	0.0018 UJ		
		chlorobenzene	0.0018 UJ		
		1,1,1,2-tetrachloroethane	0.0018 UJ		
		ethylbenzene	0.0032 J		
		m,p-xylene	0.021 J		
		o-xylene	0.0056 J		
		styrene	0.0018 UJ		
		bromoform	0.0018 UJ		
		isopropylbenzene	0.0018 UJ		
		bromobenzene	0.0018 UJ		
		1,1,2,2-tetrachloroethane	0.0018 UJ		
		1,2,3-trichloropropane	0.0018 UJ		
		n-propylbenzene	0.0018 UJ		
		2-chlorotoluene	0.0018 UJ		
		4-chlorotoluene	0.0018 UJ		
		1,3,5-trimethylbenzene	0.0018 UJ		
		tert-butylbenzene	0.0072 J		
		1,2,4-trimethylbenzene	0.0088 J		
		sec-butylbenzene	0.0079 J		
		1,3-dichlorobenzene	0.0018 UJ		
		p-isopropyltoluene	0.0060 J		
		1,4-dichlorobenzene	0.0018 UJ		
		1,2-dichlorobenzene	0.0018 UJ		
		n-butylbenzene	0.0018 UJ		
		1,2-dibromo-3-chloropropane	0.0091 UJ		
		1,2,4-trichlorobenzene	0.0018 UJ		
		hexachlorobutadiene	0.0091 UJ		
		naphthalene	0.0018 UJ		
		1,2,3-trichlorobenzene	0.0018 UJ		
KM-11-0809-7	08-051-15	none			
KM-11-0809-W	08-051-16	HOLD			
KM-7-0809-2	08-054-01	none			
KM-7-0809-7	08-054-02	none			
KM-7-0809-W	08-054-03	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Laboratory Sample ID	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-8-0809-2	08-054-04	none			
KM-8-0809-7	08-054-05	none			
KM-8-0809-W	08-054-06	VOCs	J or UJ	µg/L	Extracted past holding time
KM-12-0809-2	08-054-07	none			
KM-12-0809-5	08-054-08	HOLD			
KM-12-0809-W	08-054-09	HOLD			
KM-5-0809-2.5	08-054-10	none			
KM-5-0809-6.5	08-054-11	none			
KM-5-0809-W	08-054-12	none			
KM-6-0809-2	08-054-13	none			
KM-6-0809-4	08-054-14	none			
KM-6-0809-W	08-054-15	HOLD			

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

August 14, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-035

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 5, 2009.

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

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

Case Narrative

Samples were collected on August 5, 2009, and received by the laboratory on August 5, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (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.

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.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample KM-1-0809-2 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.

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.

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx

Date Extracted:	8-7-09					
Date Analyzed:	8-7-09					
Matrix: Soil						
Units: mg/kg (ppm)						
Client ID:	**KM-2-0809-2**			**KM-1-0809-2**		
Lab ID:	08-035-01			08-035-03		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**ND**		5.4	**ND**		8.1
Surrogate Recovery:						
Fluorobenzene	79%			93%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx

Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix: Soil	
Units: mg/kg (ppm)	
Client ID:	**KM-9-0809-2**
Lab ID:	08-035-05

	Result	Flags	PQL
TPH-Gas	**ND**		5.2
Surrogate Recovery:			
Fluorobenzene	85%		

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-7-09
Date Analyzed: 8-7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0807S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	85%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-7-09
Date Analyzed: 8-7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	08-049-02 **Original**	08-049-02 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	89%	92%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09	
Date Analyzed:	8-10-09	
Matrix: Water		
Units: ug/L (ppb)		
Client ID:	**KM-2-0809-W**	**KM-1-0809-W**
Lab ID:	08-035-07	08-035-08

	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**ND**		100	**ND**		100
Surrogate Recovery:						
Fluorobenzene	98%			99%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix: Water	
Units: ug/L (ppb)	
Client ID:	**KM-9-0809-W**
Lab ID:	08-035-09

	Result	Flags	PQL
TPH-Gas	**ND**		100
Surrogate Recovery:			
Fluorobenzene	96%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0810W2

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 94%

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-12-09
Date Analyzed: 8-12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0812W1

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 93%

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&12-09
Date Analyzed: 8-10&12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	08-045-02 **Original**	08-045-02 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	94%		

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx

Date Extracted: 8-7-09
Date Analyzed: 8-7-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-2-0809-2**	**KM-1-0809-2**	**KM-9-0809-2**
Lab ID:	08-035-01	08-035-03	08-035-05
Diesel Range:	**ND**	**35**	**ND**
PQL:	26	31	27
Identification:	---	Diesel Range Organics	---
Lube Oil Range:	**ND**	**330**	**ND**
PQL:	53	63	54
Identification:	---	Lube Oil	---
Surrogate Recovery			
o-Terphenyl:	75%	74%	84%
Flags:	Y	Y	Y

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0807S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	88%
Flags:	Y

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-7-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	08-039-01	08-039-01 DUP
Diesel Range:	**10000**	**7370**
PQL:	130	130
RPD:	30	
Surrogate Recovery		
o-Terphenyl:	99%	91%
Flags:	Y	Y

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: mg/L (ppm)

Client ID:	**KM-2-0809-W**	**KM-1-0809-W**	**KM-9-0809-W**
Lab ID:	08-035-07	08-035-08	08-035-09
Diesel Range:	**ND**	**ND**	**ND**
PQL:	0.28	0.27	0.28
Identification:	---	---	---
Lube Oil Range:	**ND**	**ND**	**ND**
PQL:	0.45	0.43	0.44
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	86%	78%	89%
Flags:	Y	Y	Y

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB0810W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	83%
Flags:	Y

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)

Lab ID:	08-035-08	08-035-08 DUP
Diesel Range:	**ND**	**ND**
PQL:	0.27	0.28
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	78%	93%
Flags:	Y	Y

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-035-01
Client ID:	**KM-2-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	0.0036		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	ND		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-035-01
Client ID: KM-2-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0021
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	113	54-130

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-035-03
Client ID:	**KM-1-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0069
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0069
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.16		0.0069
Iodomethane	ND		0.0069
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0069
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0069
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	0.022		0.0069
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0069
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0069
Toluene	ND		0.0069
(trans) 1,3-Dichloropropene	ND		0.0014

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
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VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-035-03
Client ID: KM-1-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0069
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0028
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0069
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0069
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	84	54-130

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

9/17/09

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-035-05
Client ID:	**KM-9-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0067
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0067
Trichlorofluoromethane	0.0026		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0067
Iodomethane	ND		0.0067
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0067
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0067
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0067
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0067
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0067
Toluene	ND		0.0067
(trans) 1,3-Dichloropropene	ND		0.0013

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-035-05
Client ID: KM-9-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0067
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0067
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0067
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	70	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	105	54-130

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0806S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0806S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	77	55-125
Toluene-d8	79	56-127
4-Bromofluorobenzene	104	54-130

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-6-09
Date Analyzed: 8-6-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0806S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0435	87	0.0408	82	70-130	
Benzene	0.0500	0.0376	75	0.0381	76	70-128	
Trichloroethene	0.0500	0.0404	81	0.0416	83	70-124	
Toluene	0.0500	0.0403	81	0.0391	78	73-123	
Chlorobenzene	0.0500	0.0515	103	0.0527	105	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	6	16	
Benzene	1	15	
Trichloroethene	3	14	
Toluene	3	14	
Chlorobenzene	2	13	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-035-07
Client ID:	**KM-2-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-035-07
Client ID: KM-2-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	85	70-123

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Date of Report: August 14, 2009
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Project: 14697

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Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-035-08
Client ID:	**KM-1-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 08-035-08
Client ID: KM-1-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	71-126
Toluene-d8	79	76-116
4-Bromofluorobenzene	84	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-6-09
Date Analyzed:	8-6-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-035-09
Client ID:	**KM-9-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 14, 2009
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Lab ID: 08-035-09
Client ID: KM-9-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	0.88		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	0.75		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	2.3		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	90	70-123

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 8-6-09
Date Analyzed: 8-6-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0806W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0806W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	71-126
Toluene-d8	84	76-116
4-Bromofluorobenzene	85	70-123

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-6-09
Date Analyzed: 8-6-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0806W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	9.30	93	8.62	86	70-130	
Benzene	10.0	9.50	95	8.96	90	70-130	
Trichloroethene	10.0	9.73	97	9.00	90	70-123	
Toluene	10.0	10.2	102	9.67	97	77-120	
Chlorobenzene	10.0	11.1	111	10.5	105	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	8	21	
Benzene	6	18	
Trichloroethene	8	18	
Toluene	5	17	
Chlorobenzene	5	18	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

Page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-2-0809-2**					
Laboratory ID:	08-035-01					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Pyridine	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Phenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Aniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Hexachloroethane	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Nitrobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Isophorone	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Naphthalene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-2-0809-2**					
Laboratory ID:	08-035-01					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Dibenzofuran	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Diethylphthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
Phenanthrene	**0.010**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Carbazole	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Fluoranthene	**0.030**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Benzidine	**ND**	0.35	EPA 8270	8-6-09	8-7-09	
Pyrene	**0.029**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-6-09	8-7-09	
Benzo[a]anthracene	**0.024**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Chrysene	**0.029**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-6-09	8-7-09	
Benzo[b]fluoranthene	**0.035**	0.035	EPA 8270	8-6-09	8-7-09	
Benzo[k]fluoranthene	**0.016**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[a]pyrene	**0.033**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Indeno[1,2,3-cd]pyrene	**0.022**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Dibenz[a,h]anthracene	**0.0084**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[g,h,i]perylene	**0.026**	0.0070	EPA 8270/SIM	8-6-09	8-7-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*52*	*19 - 97*				
Phenol-d6	*59*	*22 - 108*				
Nitrobenzene-d5	*57*	*21 - 106*				
2-Fluorobiphenyl	*69*	*29 - 107*				
2,4,6-Tribromophenol	*86*	*44 - 121*				
Terphenyl-d14	*86*	*37 - 120*				

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-1-0809-2**					
Laboratory ID:	08-035-03					
N-Nitrosodimethylamine	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Pyridine	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Phenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Aniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Chlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Benzyl alcohol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
N-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Hexachloroethane	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Nitrobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Isophorone	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Nitrophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Naphthalene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
4-Chloroaniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Hexachlorobutadiene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Methylnaphthalene	**0.077**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
1-Methylnaphthalene	**0.064**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Chloronaphthalene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2-Nitroaniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Dimethylphthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Acenaphthylene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
3-Nitroaniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-1-0809-2**					
Laboratory ID:	08-035-03					
2,4-Dinitrophenol	**ND**	1.0	EPA 8270	8-6-09	8-7-09	
Acenaphthene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
4-Nitrophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,4-Dinitrotoluene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Dibenzofuran	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Diethylphthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
4-Chlorophenyl-phenylether	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
4-Nitroaniline	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Fluorene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
4,6-Dinitro-2-methylphenol	**ND**	1.0	EPA 8270	8-6-09	8-7-09	
N-Nitrosodiphenylamine	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
1,2-Diphenylhydrazine	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
4-Bromophenyl-phenylether	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Hexachlorobenzene	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Pentachlorophenol	**ND**	1.0	EPA 8270	8-6-09	8-7-09	
Phenanthrene	**0.14**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Anthracene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Carbazole	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Di-n-butylphthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Fluoranthene	**0.15**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Benzidine	**ND**	2.1	EPA 8270	8-6-09	8-7-09	
Pyrene	**0.16**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Butylbenzylphthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
bis-2-Ethylhexyladipate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
3,3'-Dichlorobenzidine	**ND**	2.1	EPA 8270	8-6-09	8-7-09	
Benzo[a]anthracene	**0.056**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Chrysene	**0.13**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Di-n-octylphthalate	**ND**	0.21	EPA 8270	8-6-09	8-7-09	
Benzo[b]fluoranthene	**0.14**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[k]fluoranthene	**0.047**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[a]pyrene	**0.11**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Indeno[1,2,3-cd]pyrene	**0.054**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Dibenz[a,h]anthracene	**ND**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[g,h,i]perylene	**0.094**	0.042	EPA 8270/SIM	8-6-09	8-7-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*41*	*19 - 97*				
Phenol-d6	*54*	*22 - 108*				
Nitrobenzene-d5	*57*	*21 - 106*				
2-Fluorobiphenyl	*71*	*29 - 107*				
2,4,6-Tribromophenol	*75*	*44 - 121*				
Terphenyl-d14	*81*	*37 - 120*				

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Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

Page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-9-0809-2**					
Laboratory ID:	08-035-05					
N-Nitrosodimethylamine	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Pyridine	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Phenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Aniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Chlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Benzyl alcohol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
N-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Hexachloroethane	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Nitrobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Isophorone	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Nitrophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Naphthalene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
4-Chloroaniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2-Nitroaniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Dimethylphthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
3-Nitroaniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-9-0809-2**					
Laboratory ID:	08-035-05					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
4-Nitrophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Dibenzofuran	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Diethylphthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
4-Nitroaniline	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Fluorene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
N-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Hexachlorobenzene	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-6-09	8-7-09	
Phenanthrene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Anthracene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Carbazole	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Benzidine	**ND**	0.36	EPA 8270	8-6-09	8-7-09	
Pyrene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	8-6-09	8-7-09	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Chrysene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	8-6-09	8-7-09	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270/SIM	8-6-09	8-7-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*51*	*19 - 97*				
Phenol-d6	*55*	*22 - 108*				
Nitrobenzene-d5	*56*	*21 - 106*				
2-Fluorobiphenyl	*58*	*29 - 107*				
2,4,6-Tribromophenol	*87*	*44 - 121*				
Terphenyl-d14	*90*	*37 - 120*				

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	MB0806S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Pyridine	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Phenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Aniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Hexachloroethane	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Nitrobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Isophorone	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0806S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-6-09	8-7-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Dibenzofuran	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Diethylphthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-6-09	8-7-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-6-09	8-7-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Carbazole	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Benzidine	**ND**	0.33	EPA 8270	8-6-09	8-7-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-6-09	8-7-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-6-09	8-7-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-6-09	8-7-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*55*	*19 - 97*				
Phenol-d6	*57*	*22 - 108*				
Nitrobenzene-d5	*63*	*21 - 106*				
2-Fluorobiphenyl	*62*	*29 - 107*				
2,4,6-Tribromophenol	*76*	*44 - 121*				
Terphenyl-d14	*78*	*37 - 120*				

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	SB0806S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.645**	**0.741**	1.33	1.33	48	56	27 - 100	14	37	
2-Chlorophenol	**0.649**	**0.739**	1.33	1.33	49	56	23 - 104	13	43	
1,4-Dichlorobenzene	**0.294**	**0.328**	0.667	0.667	44	49	23 - 86	11	40	
N-Nitroso-di-n-propylamine	**0.348**	**0.396**	0.667	0.667	52	59	28 - 96	13	37	
1,2,4-Trichlorobenzene	**0.300**	**0.326**	0.667	0.667	45	49	25 - 90	8	40	
4-Chloro-3-methylphenol	**0.927**	**0.961**	1.33	1.33	70	72	44 - 106	4	31	
Acenaphthene	**0.408**	**0.430**	0.667	0.667	61	64	39 - 93	5	28	
4-Nitrophenol	**1.03**	**0.999**	1.33	1.33	77	75	30 - 124	3	31	
2,4-Dinitrotoluene	**0.496**	**0.485**	0.667	0.667	74	73	53 - 109	2	34	
Pentachlorophenol	**1.14**	**1.07**	1.33	1.33	86	80	47 - 122	6	33	
Pyrene	**0.527**	**0.514**	0.667	0.667	79	77	55 - 108	2	29	
Surrogate:										
2-Fluorophenol					*43*	*48*	*19 - 97*			
Phenol-d6					*45*	*50*	*22 - 108*			
Nitrobenzene-d5					*48*	*55*	*21 - 106*			
2-Fluorobiphenyl					*58*	*64*	*29 - 107*			
2,4,6-Tribromophenol					*79*	*78*	*44 - 121*			
Terphenyl-d14					*79*	*78*	*37 - 120*			

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	**KM-2-0809-W**					
Laboratory ID:	08-035-07					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-2-0809-W**					
Laboratory ID:	08-035-07					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.2	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	5.2	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*12 - 91*				
Phenol-d6	*44*	*10 - 102*				
Nitrobenzene-d5	*62*	*27 - 115*				
2-Fluorobiphenyl	*55*	*37 - 111*				
2,4,6-Tribromophenol	*71*	*48 - 121*				
Terphenyl-d14	*69*	*47 - 116*				

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	**KM-1-0809-W**					
Laboratory ID:	08-035-08					
N-Nitrosodimethylamine	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Naphthalene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	13	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.3	EPA 8270	8-11-09	8-12-09	

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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-1-0809-W**					
Laboratory ID:	08-035-08					
2,4-Dinitrophenol	**ND**	13	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Fluorene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	6.6	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	13	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	6.6	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	13	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.13	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	13	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.3	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*38*	*12 - 91*				
Phenol-d6	*37*	*10 - 102*				
Nitrobenzene-d5	*50*	*27 - 115*				
2-Fluorobiphenyl	*48*	*37 - 111*				
2,4,6-Tribromophenol	*64*	*48 - 121*				
Terphenyl-d14	*63*	*47 - 116*				

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Project: 14697

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:	**KM-9-0809-W**					
Laboratory ID:	08-035-09					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Naphthalene	**0.77**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**0.27**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**0.45**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**1.6**	1.0	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	

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Laboratory Reference: 0908-035
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-9-0809-W**					
Laboratory ID:	08-035-09					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**0.33**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluorene	**0.14**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**0.12**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**0.021**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**0.020**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**0.020**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**0.014**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**0.010**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*34*	*12 - 91*				
Phenol-d6	*30*	*10 - 102*				
Nitrobenzene-d5	*43*	*27 - 115*				
2-Fluorobiphenyl	*45*	*37 - 111*				
2,4,6-Tribromophenol	*71*	*48 - 121*				
Terphenyl-d14	*65*	*47 - 116*				

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	MB0811W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0811W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*12 - 91*				
Phenol-d6	*29*	*10 - 102*				
Nitrobenzene-d5	*77*	*27 - 115*				
2-Fluorobiphenyl	*69*	*37 - 111*				
2,4,6-Tribromophenol	*56*	*48 - 121*				
Terphenyl-d14	*83*	*47 - 116*				

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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:	SB0811W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**14.0**	40.0	40.0	39	35	17 - 69	10	34	
2-Chlorophenol	**27.7**	**24.2**	40.0	40.0	69	61	36 - 104	13	36	
1,4-Dichlorobenzene	**12.8**	**10.8**	20.0	20.0	64	54	29 - 90	17	34	
N-Nitroso-di-n-propylamine	**12.3**	**11.3**	20.0	20.0	62	57	34 - 101	8	38	
1,2,4-Trichlorobenzene	**13.2**	**11.9**	20.0	20.0	66	60	30 - 97	10	42	
4-Chloro-3-methylphenol	**30.0**	**29.8**	40.0	40.0	75	75	56 - 106	1	26	
Acenaphthene	**14.5**	**14.2**	20.0	20.0	73	71	46 - 94	2	34	
4-Nitrophenol	**21.1**	**22.8**	40.0	40.0	53	57	17 - 100	8	38	
2,4-Dinitrotoluene	**17.5**	**18.6**	20.0	20.0	88	93	50 - 121	6	18	
Pentachlorophenol	**36.5**	**38.2**	40.0	40.0	91	96	37 - 132	5	32	
Pyrene	**16.9**	**17.8**	20.0	20.0	85	89	65 - 108	5	18	
Surrogate:										
2-Fluorophenol					*47*	*40*	*12 - 91*			
Phenol-d6					*34*	*31*	*10 - 102*			
Nitrobenzene-d5					*69*	*63*	*27 - 115*			
2-Fluorobiphenyl					*68*	*65*	*37 - 111*			
2,4,6-Tribromophenol					*81*	*83*	*48 - 121*			
Terphenyl-d14					*82*	*85*	*47 - 116*			

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

Date of Report: August 7, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-025
Project: 094-09015

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-2-0809-2**					
Laboratory ID:	08-035-01					
Aroclor 1016	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-6-09	8-6-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*33-122*				
Client ID:	**KM-1-0809-2**					
Laboratory ID:	08-035-03					
Aroclor 1016	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1221	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1232	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1242	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1248	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1254	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Aroclor 1260	**ND**	0.063	EPA 8082	8-6-09	8-6-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*64*	*33-122*				
Client ID:	**KM-9-0809-2**					
Laboratory ID:	08-035-05					
Aroclor 1016	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1221	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1232	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1242	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1248	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1254	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Aroclor 1260	**ND**	0.054	EPA 8082	8-6-09	8-6-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*33-122*				

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Date of Report: August 7, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-025
Project: 094-09015

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:	MB0806S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-6-09	8-6-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*109*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-035-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.358**	**0.383**	0.500	0.500	ND	**72**	**77**	24-125	7	18	
Surrogate:											
DCB						*89*	*88*	*33-122*			

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Date of Report: August 7, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-025
Project: 094-09015

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-2-0809-W**					
Laboratory ID:	08-035-07					
Aroclor 1016	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*39-128*				
Client ID:	**KM-1-0809-W**					
Laboratory ID:	08-035-08					
Aroclor 1016	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*39-128*				
Client ID:	**KM-9-0809-W**					
Laboratory ID:	08-035-09					
Aroclor 1016	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.10	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*39-128*				

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

Date of Report: August 7, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-025
Project: 094-09015

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:	MB0807W1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*39-128*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0807W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.374**	**0.369**	0.500	0.500	N/A	**75**	**74**	58-113	1	11	
Surrogate:											
DCB						*79*	*77*	*39-128*			

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-035-01
Client ID: **KM-2-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Cadmium	6010B	**0.73**	0.53
Chromium	6010B	**10**	0.53
Copper	6010B	**21**	1.1
Lead	6010B	**26**	5.3
Mercury	7471A	**ND**	0.26
Nickel	6010B	**9.1**	2.6
Zinc	6010B	**40**	2.6

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-035-03
Client ID: **KM-1-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	13
Cadmium	6010B	**1.8**	0.63
Chromium	6010B	**17**	0.63
Copper	6010B	**59**	1.3
Lead	6010B	**370**	6.3
Mercury	7471A	**ND**	0.31
Nickel	6010B	**14**	3.1
Zinc	6010B	**150**	3.1

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-035-05
Client ID: **KM-9-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Cadmium	6010B	**ND**	0.54
Chromium	6010B	**6.2**	0.54
Copper	6010B	**8.5**	1.1
Lead	6010B	**ND**	5.4
Mercury	7471A	**ND**	0.27
Nickel	6010B	**5.9**	2.7
Zinc	6010B	**16**	2.7

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0806S3&MB0807S2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-044-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**29.3**	**31.0**	6	0.50	
Copper	**16.2**	**16.3**	1	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**31.8**	**31.1**	2	2.5	
Zinc	**36.6**	**40.7**	10	2.5	

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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

Date Extracted: 8-6&7-09
Date Analyzed: 8-6&7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-044-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**92.8**	93	**92.6**	93	0	
Cadmium	50	**48.3**	97	**49.0**	98	2	
Chromium	100	**130**	101	**125**	96	4	
Copper	50	**65.0**	98	**65.1**	98	0	
Lead	250	**241**	97	**246**	98	2	
Mercury	0.50	**0.518**	104	**0.476**	95	8	
Nickel	100	**126**	94	**125**	93	1	
Zinc	100	**133**	96	**130**	94	2	

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-07
Client ID: KM-2-0809-W

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-08
Client ID: KM-1-0809-W

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**22**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**36**	28

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09
Client ID: KM-9-0809-W

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10&13-09
Date Analyzed:	8-10&13-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0810W1&MB0813W1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**ND**	**ND**	NA	11	
Copper	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Nickel	**ND**	**ND**	NA	22	
Zinc	**ND**	**ND**	NA	28	

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035
Project: 14697

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

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**111**	101	**114**	104	3	
Cadmium	110	**113**	103	**116**	105	2	
Chromium	110	**107**	97	**109**	99	2	
Copper	110	**111**	101	**113**	103	2	
Lead	110	**109**	99	**116**	105	6	
Mercury	12.5	**10.8**	86	**10.5**	84	3	
Nickel	110	**106**	97	**109**	99	2	
Zinc	110	**121**	110	**127**	116	6	

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

Date of Report: August 14, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-035
Project: 14697

% MOISTURE

Date Analyzed: 8-6-09

Client ID	Lab ID	% Moisture
KM-2-0809-2	08-035-01	5
KM-1-0809-2	08-035-03	20
KM-9-0809-2	08-035-05	7

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

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

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

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix

Project Number: 14697

Project Name: Kelly Moore Paints (KM)

Project Manager: Tasya Gray

Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ _____ (other)

Laboratory Number: 08-035

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Metals As, Cd, Cu, Cr, Pb, Ni, Hg, Zn			HOLD			% Moisture
1	KM-2-0809-2	8/5/09	820	S	6		X	X	X		X		X						X						X
2	KM-2-0809-4.5		825	S	6		X	X	X		X		X						X			X			
3	KM-0809-2		1025	S	6		X	X	X		X		X						X						X
4	KM-1-0809-6		1030	S	6		X	X	X		X		X						X			X			
5	KM-9-0809-2		1315	S	6		X	X	X		X		X						X						X
6	KM-9-0809-6.5		1320	S	6		X	X	X		X		X						X			X			
7	KM-2-0809-W		910	W	10		X	X	X		X		X						X						
8	KM-1-0809-W		1120	W	10		X	X	X		X		X						X						
9	KM-9-0809-W	↓	1355	W	10		X	X	X		X		X						X						

Chris Brown 8/5/09

	Signature	Company	Date	Time
Relinquished by	Chris Brown	Amec GMX	8/5/09	1455
Received by	Jin Kang	Specon	8/5/09	1455
Relinquished by	Jin Kang		8/5/09	1535
Received by		OSE	8/5/09	1535
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

* Hold - KM-2-0809-4.5
- KM-1-0809-6
- KM-9-0809-6.5

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

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

August 31, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-035B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 5, 2009.

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

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035B
Project: 14697

Case Narrative

Samples were collected on August 5, 2009, and received by the laboratory on August 5, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035B
Project: 14697

TOTAL LEAD
EPA 6010B

Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix:	Soil
Units:	mg/kg (ppm)

Client ID	Lab ID	Result	PQL
KM-1-0809-6	08-035-04	**ND**	5.3

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035B
Project: 14697

TOTAL LEAD
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0827S2

Analyte	Method	Result	PQL
Lead	6010B	**ND**	5.0

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035B
Project: 14697

TOTAL LEAD
DUPLICATE QUALITY CONTROL

Date Extracted: 8-27-09
Date Analyzed: 8-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-157-21

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**8.45**	**8.90**	5	5.0	

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Laboratory Reference: 0908-035B
Project: 14697

TOTAL LEAD
MS/MSD QUALITY CONTROL

Date Extracted: 8-27-09
Date Analyzed: 8-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-157-21

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**223**	86	**239**	92	7	

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

Date of Report: August 31, 2009
Samples Submitted: August 5, 2009
Lab Traveler: 0908-035B
Project: 14697

% MOISTURE

Date Analyzed: 8-28-09

Client ID	Lab ID	% Moisture
KM-1-0809-6	08-035-04	5

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

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.

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

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

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

August 18, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-051

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 7, 2009.

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

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

Case Narrative

Samples were collected on August 6, 2009, and received by the laboratory on August 7, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (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.

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.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for samples KM-16-0809-4 and KM-15-0809-4 due to sample matrix effects. The samples were re-analyzed with similar results. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

Internal Standards Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 do not meet acceptance criteria for sample KM-11-0809-2.5 due to sample matrix effects. The sample was re-analyzed with similar results. All results, including Practical Quantitation Limits, from (trans) 1,3-Dichloropropene onward should be considered estimates.

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.

Semivolatiles EPA 8270D/SIM (soil) Analysis

Sample KM-10-0809-2 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

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

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09					
Date Analyzed:	8-10-09					
Matrix: Soil						
Units: mg/kg (ppm)						
Client ID:	**KM-16-0809-4**			**KM-15-0809-4**		
Lab ID:	08-051-01			08-051-03		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**ND**		5.9	**ND**		7.2
Surrogate Recovery:						
Fluorobenzene	90%			89%		

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-14-0809-2**			**KM-13-0809-2**		
Lab ID:	08-051-05			08-051-10		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**8.0**	**Z1**	6.7	**ND**		5.4
Surrogate Recovery:						
Fluorobenzene	88%			91%		

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09	
Date Analyzed:	8-14-09	
Matrix: Soil		
Units: mg/kg (ppm)		
Client ID:	**KM-10-0809-2**	**KM-10-0809-5.5**
Lab ID:	08-051-11	08-051-12

	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**11000**	**Z1**	2100	**5400**	**Z1**	510
Surrogate Recovery:						
Fluorobenzene	---	**S**		---	**S**	

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix: Soil	
Units: mg/kg (ppm)	
Client ID:	**KM-11-0809-2.5**
Lab ID:	08-051-14

	Result	Flags	PQL
TPH-Gas	**300**	**Z2**	8.4
Surrogate Recovery:			
Fluorobenzene	100%		

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB0810S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	88%		

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	08-051-10 **Original**	08-051-10 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	91%	91%		

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Client ID:	**KM-16-0809-W**			**KM-14-0809-W**		
Lab ID:	08-051-07			08-051-09		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**1300**		100	**ND**		100
Surrogate Recovery:						
Fluorobenzene	95%			97%		

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix: Water	
Units: ug/L (ppb)	
Client ID:	**KM-10-0809-W**
Lab ID:	08-051-13

	Result	Flags	PQL
TPH-Gas	**ND**		100
Surrogate Recovery:			
Fluorobenzene	95%		

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0810W2

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 94%

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-12-09
Date Analyzed: 8-12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0812W1

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 93%

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&12-09
Date Analyzed: 8-10&12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	08-045-02 **Original**	08-045-02 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	94%		

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx

Date Extracted: 8-13-09
Date Analyzed: 8-13-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-16-0809-4**	**KM-15-0809-4**	**KM-14-0809-2**
Lab ID:	08-051-01	08-051-03	08-051-05
Diesel Range:	**ND**	**38**	**35**
PQL:	27	30	28
Identification:	---	Diesel Range Organics	Diesel Range Organics
Lube Oil Range:	**160**	**210**	**130**
PQL:	54	60	56
Identification:	Lube Oil	Lube Oil	Lube Oil
Surrogate Recovery			
o-Terphenyl:	95%	100%	83%
Flags:	Y	Y	Y

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx

Date Extracted: 8-13-09
Date Analyzed: 8-13-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-13-0809-2**	**KM-10-0809-2**	**KM-10-0809-5.5**
Lab ID:	08-051-10	08-051-11	08-051-12
Diesel Range:	**ND**	**5600**	**2700**
PQL:	26	130	27
Identification:	---	Diesel Range Organics	Diesel Range Organics
Lube Oil Range:	**ND**	**2200**	**280**
PQL:	53	260	53
Identification:	---	Lube Oil	Lube Oil
Surrogate Recovery			
o-Terphenyl:	97%	112%	97%
Flags:	Y	Y,M,N1	Y,M,N1

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)
Client ID:	**KM-11-0809-2.5**
Lab ID:	08-051-14
Diesel Range:	**1100**
PQL:	32
Identification:	Diesel Range Organics
Lube Oil Range:	**440**
PQL:	63
Identification:	Lube Oil
Surrogate Recovery	
o-Terphenyl:	89%
Flags:	Y,M,N1

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0813S2
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	91%
Flags:	Y

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	08-051-10	08-051-10 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	97%	88%
Flags:	Y	Y

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: mg/L (ppm)

Client ID:	**KM-16-0809-W**	**KM-14-0809-W**	**KM-10-0809-W**
Lab ID:	08-051-07	08-051-09	08-051-13
Diesel Range:	**ND**	**ND**	**ND**
PQL:	0.28	0.28	0.27
Identification:	---	---	---
Lube Oil Range:	**ND**	**ND**	**ND**
PQL:	0.45	0.44	0.44
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	75%	80%	89%
Flags:	Y	Y	Y

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB0810W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	83%
Flags:	Y

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)

Lab ID:	08-035-08	08-035-08 DUP
Diesel Range:	**ND**	**ND**
PQL:	0.27	0.28
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	78%	93%
Flags:	Y	Y

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Date of Report: August 18, 2009
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-01
Client ID:	**KM-16-0809-4**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0064
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0064
Trichlorofluoromethane	0.0020		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0064
Iodomethane	ND		0.0064
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0064
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0064
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0064
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	0.011		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0064
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0064
Toluene	ND		0.0064
(trans) 1,3-Dichloropropene	ND		0.0013

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Date of Report: August 18, 2009
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Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-051-01
Client ID: KM-16-0809-4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0064
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0026
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND	J	0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0064
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0064
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	88	54-130

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Date of Report: August 18, 2009
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-03
Client ID:	**KM-15-0809-4**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	0.0024		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: August 18, 2009
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Lab ID: 08-051-03
Client ID: KM-15-0809-4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	0.0043		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	82	54-130

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Samples Submitted: August 7, 2009
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Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-05
Client ID:	**KM-14-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0051
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0051
Trichlorofluoromethane	0.0021		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0051
Iodomethane	ND		0.0051
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0051
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0051
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0051
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0051
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0051
Toluene	ND		0.0051
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 08-051-05
Client ID: KM-14-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0051
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0051
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0051
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	78	55-125
Toluene-d8	85	56-127
4-Bromofluorobenzene	99	54-130

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Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-10
Client ID:	**KM-13-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00097
Chloromethane	ND		0.0049
Vinyl Chloride	ND		0.00097
Bromomethane	ND		0.00097
Chloroethane	ND		0.0049
Trichlorofluoromethane	ND		0.00097
1,1-Dichloroethene	ND		0.00097
Acetone	ND		0.0049
Iodomethane	ND		0.0049
Carbon Disulfide	ND		0.00097
Methylene Chloride	ND		0.0049
(trans) 1,2-Dichloroethene	ND		0.00097
Methyl t-Butyl Ether	ND		0.00097
1,1-Dichloroethane	ND		0.00097
Vinyl Acetate	ND		0.0049
2,2-Dichloropropane	ND		0.00097
(cis) 1,2-Dichloroethene	ND		0.00097
2-Butanone	ND		0.0049
Bromochloromethane	ND		0.00097
Chloroform	ND		0.00097
1,1,1-Trichloroethane	ND		0.00097
Carbon Tetrachloride	ND		0.00097
1,1-Dichloropropene	ND		0.00097
Benzene	ND		0.00097
1,2-Dichloroethane	ND		0.00097
Trichloroethene	ND		0.00097
1,2-Dichloropropane	ND		0.00097
Dibromomethane	ND		0.00097
Bromodichloromethane	ND		0.00097
2-Chloroethyl Vinyl Ether	ND		0.0049
(cis) 1,3-Dichloropropene	ND		0.00097
Methyl Isobutyl Ketone	ND		0.0049
Toluene	ND		0.0049
(trans) 1,3-Dichloropropene	ND		0.00097

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Lab ID: 08-051-10
Client ID: KM-13-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00097
Tetrachloroethene	ND		0.00097
1,3-Dichloropropane	ND		0.00097
2-Hexanone	ND		0.0049
Dibromochloromethane	ND		0.00097
1,2-Dibromoethane	ND		0.00097
Chlorobenzene	ND		0.00097
1,1,1,2-Tetrachloroethane	ND		0.00097
Ethylbenzene	ND		0.00097
m,p-Xylene	ND		0.0019
o-Xylene	ND		0.00097
Styrene	ND		0.00097
Bromoform	ND		0.00097
Isopropylbenzene	ND		0.00097
Bromobenzene	ND		0.00097
1,1,2,2-Tetrachloroethane	ND		0.00097
1,2,3-Trichloropropane	ND		0.00097
n-Propylbenzene	ND		0.00097
2-Chlorotoluene	ND		0.00097
4-Chlorotoluene	ND		0.00097
1,3,5-Trimethylbenzene	ND		0.00097
tert-Butylbenzene	ND		0.00097
1,2,4-Trimethylbenzene	ND		0.00097
sec-Butylbenzene	ND		0.00097
1,3-Dichlorobenzene	ND		0.00097
p-Isopropyltoluene	ND		0.00097
1,4-Dichlorobenzene	ND		0.00097
1,2-Dichlorobenzene	ND		0.00097
n-Butylbenzene	ND		0.00097
1,2-Dibromo-3-chloropropane	ND		0.0049
1,2,4-Trichlorobenzene	ND		0.00097
Hexachlorobutadiene	ND		0.0049
Naphthalene	ND		0.00097
1,2,3-Trichlorobenzene	ND		0.00097

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	55-125
Toluene-d8	85	56-127
4-Bromofluorobenzene	111	54-130

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Date Extracted:	8-7-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-11
Client ID:	**KM-10-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.2
Chloromethane	ND		5.8
Vinyl Chloride	ND		1.2
Bromomethane	ND		1.2
Chloroethane	ND		5.8
Trichlorofluoromethane	ND		1.2
1,1-Dichloroethene	ND		1.2
Acetone	ND		5.8
Iodomethane	ND		5.8
Carbon Disulfide	ND		1.2
Methylene Chloride	ND		5.8
(trans) 1,2-Dichloroethene	ND		1.2
Methyl t-Butyl Ether	ND		1.2
1,1-Dichloroethane	ND		1.2
Vinyl Acetate	ND		5.8
2,2-Dichloropropane	ND		1.2
(cis) 1,2-Dichloroethene	ND		1.2
2-Butanone	ND		5.8
Bromochloromethane	ND		1.2
Chloroform	ND		1.2
1,1,1-Trichloroethane	ND		1.2
Carbon Tetrachloride	ND		1.2
1,1-Dichloropropene	ND		1.2
Benzene	ND		1.2
1,2-Dichloroethane	ND		1.2
Trichloroethene	ND		1.2
1,2-Dichloropropane	ND		1.2
Dibromomethane	ND		1.2
Bromodichloromethane	ND		1.2
2-Chloroethyl Vinyl Ether	ND		5.8
(cis) 1,3-Dichloropropene	ND		1.2
Methyl Isobutyl Ketone	ND		5.8
Toluene	37		5.8
(trans) 1,3-Dichloropropene	ND		1.2

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Lab ID: 08-051-11
Client ID: KM-10-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.2
Tetrachloroethene	ND		1.2
1,3-Dichloropropane	ND		1.2
2-Hexanone	ND		5.8
Dibromochloromethane	ND		1.2
1,2-Dibromoethane	ND		1.2
Chlorobenzene	ND		1.2
1,1,1,2-Tetrachloroethane	ND		1.2
Ethylbenzene	440		12
m,p-Xylene	2400		23
o-Xylene	660		12
Styrene	ND		1.2
Bromoform	ND		1.2
Isopropylbenzene	13		1.2
Bromobenzene	ND		1.2
1,1,2,2-Tetrachloroethane	ND		1.2
1,2,3-Trichloropropane	ND		1.2
n-Propylbenzene	17		1.2
2-Chlorotoluene	ND		1.2
4-Chlorotoluene	ND		1.2
1,3,5-Trimethylbenzene	39		1.2
tert-Butylbenzene	ND		1.2
1,2,4-Trimethylbenzene	120		1.2
sec-Butylbenzene	7.3		1.2
1,3-Dichlorobenzene	ND		1.2
p-Isopropyltoluene	9.7		1.2
1,4-Dichlorobenzene	ND		1.2
1,2-Dichlorobenzene	ND		1.2
n-Butylbenzene	13		1.2
1,2-Dibromo-3-chloropropane	ND		5.8
1,2,4-Trichlorobenzene	ND		1.2
Hexachlorobutadiene	ND		5.8
Naphthalene	150		1.2
1,2,3-Trichlorobenzene	ND		1.2

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	55-125
Toluene-d8	85	56-127
4-Bromofluorobenzene	118	54-130

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Date Extracted:	8-7-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-12
Client ID:	**KM-10-0809-5.5**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.31
Chloromethane	ND		1.6
Vinyl Chloride	ND		0.31
Bromomethane	ND		0.31
Chloroethane	ND		1.6
Trichlorofluoromethane	ND		0.31
1,1-Dichloroethene	ND		0.31
Acetone	ND		1.6
Iodomethane	ND		1.6
Carbon Disulfide	ND		0.31
Methylene Chloride	ND		1.6
(trans) 1,2-Dichloroethene	ND		0.31
Methyl t-Butyl Ether	ND		0.31
1,1-Dichloroethane	ND		0.31
Vinyl Acetate	ND		1.6
2,2-Dichloropropane	ND		0.31
(cis) 1,2-Dichloroethene	ND		0.31
2-Butanone	ND		1.6
Bromochloromethane	ND		0.31
Chloroform	ND		0.31
1,1,1-Trichloroethane	ND		0.31
Carbon Tetrachloride	ND		0.31
1,1-Dichloropropene	ND		0.31
Benzene	ND		0.31
1,2-Dichloroethane	ND		0.31
Trichloroethene	ND		0.31
1,2-Dichloropropane	ND		0.31
Dibromomethane	ND		0.31
Bromodichloromethane	ND		0.31
2-Chloroethyl Vinyl Ether	ND		1.6
(cis) 1,3-Dichloropropene	ND		0.31
Methyl Isobutyl Ketone	ND		1.6
Toluene	ND		1.6
(trans) 1,3-Dichloropropene	ND		0.31

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Lab ID: 08-051-12
Client ID: KM-10-0809-5.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.31
Tetrachloroethene	ND		0.31
1,3-Dichloropropane	ND		0.31
2-Hexanone	ND		1.6
Dibromochloromethane	ND		0.31
1,2-Dibromoethane	ND		0.31
Chlorobenzene	ND		0.31
1,1,1,2-Tetrachloroethane	ND		0.31
Ethylbenzene	2.6		0.31
m,p-Xylene	11		0.63
o-Xylene	2.7		0.31
Styrene	ND		0.31
Bromoform	ND		0.31
Isopropylbenzene	2.7		0.31
Bromobenzene	ND		0.31
1,1,2,2-Tetrachloroethane	ND		0.31
1,2,3-Trichloropropane	ND		0.31
n-Propylbenzene	3.6		0.31
2-Chlorotoluene	ND		0.31
4-Chlorotoluene	ND		0.31
1,3,5-Trimethylbenzene	ND		0.31
tert-Butylbenzene	ND		0.31
1,2,4-Trimethylbenzene	0.50		0.31
sec-Butylbenzene	1.1		0.31
1,3-Dichlorobenzene	ND		0.31
p-Isopropyltoluene	ND		0.31
1,4-Dichlorobenzene	ND		0.31
1,2-Dichlorobenzene	ND		0.31
n-Butylbenzene	1.8		0.31
1,2-Dibromo-3-chloropropane	ND		1.6
1,2,4-Trichlorobenzene	ND		0.31
Hexachlorobutadiene	ND		1.6
Naphthalene	1.9		0.31
1,2,3-Trichlorobenzene	ND		0.31

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	69	55-125
Toluene-d8	81	56-127
4-Bromofluorobenzene	114	54-130

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Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-14
Client ID:	**KM-11-0809-2.5**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0018
Chloromethane	ND		0.0091
Vinyl Chloride	ND		0.0018
Bromomethane	ND		0.0018
Chloroethane	ND		0.0091
Trichlorofluoromethane	0.0042		0.0018
1,1-Dichloroethene	ND		0.0018
Acetone	0.35		0.0091
Iodomethane	ND		0.0091
Carbon Disulfide	ND		0.0018
Methylene Chloride	ND		0.0091
(trans) 1,2-Dichloroethene	ND		0.0018
Methyl t-Butyl Ether	ND		0.0018
1,1-Dichloroethane	0.020		0.0018
Vinyl Acetate	ND		0.0091
2,2-Dichloropropane	ND		0.0018
(cis) 1,2-Dichloroethene	ND		0.0018
2-Butanone	ND		0.0091
Bromochloromethane	ND		0.0018
Chloroform	ND		0.0018
1,1,1-Trichloroethane	ND		0.0018
Carbon Tetrachloride	ND		0.0018
1,1-Dichloropropene	ND		0.0018
Benzene	0.0064		0.0018
1,2-Dichloroethane	ND		0.0018
Trichloroethene	ND		0.0018
1,2-Dichloropropane	ND		0.0018
Dibromomethane	ND		0.0018
Bromodichloromethane	ND		0.0018
2-Chloroethyl Vinyl Ether	ND		0.0091
(cis) 1,3-Dichloropropene	ND		0.0018
Methyl Isobutyl Ketone	ND		0.0091
Toluene	ND		0.0091
(trans) 1,3-Dichloropropene	ND J		0.0018

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Lab ID: 08-051-14
Client ID: KM-11-0809-2.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND	J	0.0018
Tetrachloroethene	ND		0.0018
1,3-Dichloropropane	ND		0.0018
2-Hexanone	ND		0.0091
Dibromochloromethane	ND		0.0018
1,2-Dibromoethane	ND		0.0018
Chlorobenzene	ND		0.0018
1,1,1,2-Tetrachloroethane	ND		0.0018
Ethylbenzene	0.0032		0.0018
m,p-Xylene	0.021		0.0037
o-Xylene	0.0056		0.0018
Styrene	ND		0.0018
Bromoform	ND		0.0018
Isopropylbenzene	ND		0.0018
Bromobenzene	ND		0.0018
1,1,2,2-Tetrachloroethane	ND		0.0018
1,2,3-Trichloropropane	ND		0.0018
n-Propylbenzene	ND		0.0018
2-Chlorotoluene	ND		0.0018
4-Chlorotoluene	ND		0.0018
1,3,5-Trimethylbenzene	ND		0.0018
tert-Butylbenzene	0.0072		0.0018
1,2,4-Trimethylbenzene	0.0088		0.0018
sec-Butylbenzene	0.0079		0.0018
1,3-Dichlorobenzene	ND		0.0018
p-Isopropyltoluene	0.0060		0.0018
1,4-Dichlorobenzene	ND		0.0018
1,2-Dichlorobenzene	ND		0.0018
n-Butylbenzene	ND		0.0018
1,2-Dibromo-3-chloropropane	ND		0.0091
1,2,4-Trichlorobenzene	ND		0.0018
Hexachlorobutadiene	ND		0.0091
Naphthalene	ND		0.0018
1,2,3-Trichlorobenzene	ND		0.0018

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	55-125
Toluene-d8	73	56-127
4-Bromofluorobenzene	91	54-130

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Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0807S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: MB0807S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	78	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	111	54-130

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Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0810S2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: MB0810S2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	78	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	118	54-130

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-7-09
Date Analyzed: 8-7-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0807S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0386	77	0.0384	77	70-130	
Benzene	0.0500	0.0360	72	0.0355	71	70-128	
Trichloroethene	0.0500	0.0395	79	0.0403	81	70-124	
Toluene	0.0500	0.0403	81	0.0387	77	73-123	
Chlorobenzene	0.0500	0.0517	103	0.0511	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	16	
Benzene	1	15	
Trichloroethene	2	14	
Toluene	4	14	
Chlorobenzene	1	13	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0810S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0393	79	0.0393	79	70-130	
Benzene	0.0500	0.0355	71	0.0353	71	70-128	
Trichloroethene	0.0500	0.0372	74	0.0391	78	70-124	
Toluene	0.0500	0.0373	75	0.0382	76	73-123	
Chlorobenzene	0.0500	0.0489	98	0.0497	99	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	16	
Benzene	1	15	
Trichloroethene	5	14	
Toluene	2	14	
Chlorobenzene	2	13	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-051-07
Client ID:	**KM-16-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.40
Chloromethane	ND		2.0
Vinyl Chloride	3.8		0.40
Bromomethane	ND		0.40
Chloroethane	ND		2.0
Trichlorofluoromethane	ND		0.40
1,1-Dichloroethene	ND		0.40
Acetone	ND		10
Iodomethane	ND		2.0
Carbon Disulfide	ND		0.40
Methylene Chloride	ND		2.0
(trans) 1,2-dichloroethene	ND		0.40
Methyl t-Butyl Ether	ND		0.40
1,1-Dichloroethane	0.59		0.40
Vinyl Acetate	ND		4.0
2,2-Dichloropropane	ND		0.40
(cis) 1,2-Dichloroethene	8.9		0.40
2-Butanone	ND		10
Bromochloromethane	ND		0.40
Chloroform	ND		0.40
1,1,1-Trichloroethane	ND		0.40
Carbon Tetrachloride	ND		0.40
1,1-Dichloropropene	ND		0.40
Benzene	ND		0.40
1,2-Dichloroethane	ND		0.40
Trichloroethene	0.60		0.40
1,2-Dichloropropane	ND		0.40
Dibromomethane	ND		0.40
Bromodichloromethane	ND		0.40
2-Chloroethyl Vinyl Ether	ND		2.0
(cis) 1,3-Dichloropropene	ND		0.40
Methyl Isobutyl Ketone	ND		4.0
Toluene	12		2.0
(trans) 1,3-Dichloropropene	ND		0.40

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-051-07
Client ID: KM-16-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.40
Tetrachloroethene	ND		0.40
1,3-Dichloropropane	ND		0.40
2-Hexanone	ND		4.0
Dibromochloromethane	ND		0.40
1,2-Dibromoethane	ND		0.40
Chlorobenzene	ND		0.40
1,1,1,2-Tetrachloroethane	ND		0.40
Ethylbenzene	93		0.40
m,p-Xylene	47		0.80
o-Xylene	5.6		0.40
Styrene	ND		0.40
Bromoform	ND		2.0
Isopropylbenzene	21		0.40
Bromobenzene	ND		0.40
1,1,2,2-Tetrachloroethane	ND		0.40
1,2,3-Trichloropropane	ND		0.40
n-Propylbenzene	28		0.40
2-Chlorotoluene	ND		0.40
4-Chlorotoluene	ND		0.40
1,3,5-Trimethylbenzene	7.8		0.40
tert-Butylbenzene	1.3		0.40
1,2,4-Trimethylbenzene	33		0.40
sec-Butylbenzene	11		0.40
1,3-Dichlorobenzene	ND		0.40
p-Isopropyltoluene	3.0		0.40
1,4-Dichlorobenzene	ND		0.40
1,2-Dichlorobenzene	ND		0.40
n-Butylbenzene	ND		0.40
1,2-Dibromo-3-chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		0.40
Hexachlorobutadiene	ND		0.40
Naphthalene	3.7		2.0
1,2,3-Trichlorobenzene	ND		0.40

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	88	70-123

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted:	8-7-09
Date Analyzed:	8-7-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0807W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB0807W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	95	70-123

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-7-09
Date Analyzed: 8-7-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0807W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	8.49	85	8.47	85	70-130	
Benzene	10.0	9.15	92	9.12	91	70-130	
Trichloroethene	10.0	9.43	94	9.26	93	70-123	
Toluene	10.0	9.57	96	9.63	96	77-120	
Chlorobenzene	10.0	10.5	105	10.9	109	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	21	
Benzene	0	18	
Trichloroethene	2	18	
Toluene	1	17	
Chlorobenzene	4	18	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-051-09
Client ID:	**KM-14-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-051-09
Client ID: KM-14-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	0.52		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	71-126
Toluene-d8	84	76-116
4-Bromofluorobenzene	93	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-051-13
Client ID:	**KM-10-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
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VOLATILES by EPA 8260B
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Lab ID: 08-051-13
Client ID: KM-10-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	1.2		0.20
m,p-Xylene	5.9		0.40
o-Xylene	1.7		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	0.25		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	1.1		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	91	70-123

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0810W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0810W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	92	70-123

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0810W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	8.72	87	8.17	82	70-130	
Benzene	10.0	9.38	94	8.88	89	70-130	
Trichloroethene	10.0	9.65	97	9.29	93	70-123	
Toluene	10.0	9.88	99	9.75	98	77-120	
Chlorobenzene	10.0	10.6	106	10.6	106	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	21	
Benzene	5	18	
Trichloroethene	4	18	
Toluene	1	17	
Chlorobenzene	0	18	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-4**					
Laboratory ID:	08-051-01					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Naphthalene	**0.070**	0.0072	EPA 8270/SIM	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**0.036**	0.0072	EPA 8270/SIM	8-12-09	8-13-09	
1-Methylnaphthalene	**0.023**	0.0072	EPA 8270/SIM	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-4**					
Laboratory ID:	08-051-01					
2,4-Dinitrophenol	**ND**	0.91	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**0.19**	0.18	EPA 8270	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Fluorene	**0.073**	0.0072	EPA 8270/SIM	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	0.91	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	0.91	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**0.89**	0.18	EPA 8270	8-12-09	8-13-09	
Anthracene	**0.20**	0.18	EPA 8270	8-12-09	8-13-09	
Carbazole	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**2.0**	0.18	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	1.8	EPA 8270	8-12-09	8-13-09	
Pyrene	**1.9**	0.18	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**2.6**	0.18	EPA 8270	8-12-09	8-13-09	
Chrysene	**4.0**	0.18	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**8.3**	0.18	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**3.6**	0.18	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**3.5**	0.18	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**4.6**	0.18	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**2.1**	0.18	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**5.2**	0.18	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*50*	*19 - 97*				
Phenol-d6	*68*	*22 - 108*				
Nitrobenzene-d5	*69*	*21 - 106*				
2-Fluorobiphenyl	*82*	*29 - 107*				
2,4,6-Tribromophenol	*72*	*44 - 121*				
Terphenyl-d14	*89*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-0809-4**					
Laboratory ID:	08-051-03					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Naphthalene	**0.086**	0.040	EPA 8270	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**0.11**	0.040	EPA 8270	8-12-09	8-13-09	
1-Methylnaphthalene	**0.086**	0.040	EPA 8270	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**0.062**	0.040	EPA 8270	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-0809-4**					
Laboratory ID:	08-051-03					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**0.0099**	0.0080	EPA 8270/SIM	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**0.044**	0.040	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Fluorene	**0.013**	0.0080	EPA 8270/SIM	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**0.20**	0.040	EPA 8270	8-12-09	8-13-09	
Anthracene	**0.084**	0.040	EPA 8270	8-12-09	8-13-09	
Carbazole	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**0.30**	0.040	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	0.40	EPA 8270	8-12-09	8-13-09	
Pyrene	**0.29**	0.040	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**0.19**	0.040	EPA 8270	8-12-09	8-13-09	
Chrysene	**0.27**	0.040	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**0.052**	0.040	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**0.34**	0.040	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**0.20**	0.040	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**0.24**	0.040	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**0.24**	0.040	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**0.081**	0.040	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**0.30**	0.040	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*53*	*19 - 97*				
Phenol-d6	*70*	*22 - 108*				
Nitrobenzene-d5	*72*	*21 - 106*				
2-Fluorobiphenyl	*79*	*29 - 107*				
2,4,6-Tribromophenol	*72*	*44 - 121*				
Terphenyl-d14	*83*	*37 - 120*				

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-14-0809-2**					
Laboratory ID:	08-051-05					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Naphthalene	**0.025**	0.0075	EPA 8270/SIM	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**0.042**	0.037	EPA 8270	8-12-09	8-13-09	
1-Methylnaphthalene	**0.040**	0.037	EPA 8270	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**0.017**	0.0075	EPA 8270/SIM	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-14-0809-2**					
Laboratory ID:	08-051-05					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**0.048**	0.037	EPA 8270	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Fluorene	**0.023**	0.0075	EPA 8270/SIM	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**0.16**	0.037	EPA 8270	8-12-09	8-13-09	
Anthracene	**0.043**	0.037	EPA 8270	8-12-09	8-13-09	
Carbazole	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**0.21**	0.037	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	0.37	EPA 8270	8-12-09	8-13-09	
Pyrene	**0.24**	0.037	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**0.12**	0.037	EPA 8270	8-12-09	8-13-09	
Chrysene	**0.16**	0.037	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**0.042**	0.037	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**0.14**	0.037	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**0.11**	0.037	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**0.15**	0.037	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**0.11**	0.037	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**0.040**	0.037	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**0.14**	0.037	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*54*	*19 - 97*				
Phenol-d6	*64*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*67*	*29 - 107*				
2,4,6-Tribromophenol	*70*	*44 - 121*				
Terphenyl-d14	*71*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-13-0809-2**					
Laboratory ID:	08-051-10					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Naphthalene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-13-0809-2**					
Laboratory ID:	08-051-10					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Carbazole	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Benzidine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Pyrene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Chrysene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[k]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**ND**	0.0070	EPA 8270/SIM	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*19 - 97*				
Phenol-d6	*67*	*22 - 108*				
Nitrobenzene-d5	*72*	*21 - 106*				
2-Fluorobiphenyl	*65*	*29 - 107*				
2,4,6-Tribromophenol	*69*	*44 - 121*				
Terphenyl-d14	*72*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-10-0809-2**					
Laboratory ID:	08-051-11					
N-Nitrosodimethylamine	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**1.6**	0.34	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Naphthalene	**71**	1.7	EPA 8270	8-12-09	8-14-09	
4-Chloroaniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**18**	0.34	EPA 8270	8-12-09	8-13-09	
1-Methylnaphthalene	**12**	0.34	EPA 8270	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**0.42**	0.34	EPA 8270	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-10-0809-2**					
Laboratory ID:	08-051-11					
2,4-Dinitrophenol	**ND**	1.7	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**3.5**	0.34	EPA 8270	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**1.4**	0.34	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Fluorene	**3.0**	0.34	EPA 8270	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	1.7	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	1.7	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**8.9**	0.34	EPA 8270	8-12-09	8-13-09	
Anthracene	**1.4**	0.34	EPA 8270	8-12-09	8-13-09	
Carbazole	**0.85**	0.34	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**7.7**	0.34	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	3.4	EPA 8270	8-12-09	8-13-09	
Pyrene	**7.4**	0.34	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	3.4	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**2.4**	0.34	EPA 8270	8-12-09	8-13-09	
Chrysene	**3.2**	0.34	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.34	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**2.5**	0.34	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**2.0**	0.34	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**1.9**	0.34	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**1.3**	0.34	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**0.50**	0.34	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**1.7**	0.34	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*33*	*19 - 97*				
Phenol-d6	*86*	*22 - 108*				
Nitrobenzene-d5	*120*	*21 - 106*				Q
2-Fluorobiphenyl	*90*	*29 - 107*				
2,4,6-Tribromophenol	*90*	*44 - 121*				
Terphenyl-d14	*93*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-10-0809-5.5**					
Laboratory ID:	08-051-12					
N-Nitrosodimethylamine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Naphthalene	**1.1**	0.35	EPA 8270	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**16**	0.35	EPA 8270	8-12-09	8-13-09	
1-Methylnaphthalene	**12**	0.35	EPA 8270	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-10-0809-5.5**					
Laboratory ID:	08-051-12					
2,4-Dinitrophenol	**ND**	1.8	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**4.7**	0.35	EPA 8270	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**1.5**	0.35	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Fluorene	**3.6**	0.35	EPA 8270	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	1.8	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	1.8	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**9.1**	0.35	EPA 8270	8-12-09	8-13-09	
Anthracene	**1.6**	0.35	EPA 8270	8-12-09	8-13-09	
Carbazole	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**5.3**	0.35	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	3.5	EPA 8270	8-12-09	8-13-09	
Pyrene	**4.7**	0.35	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	3.5	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**1.4**	0.35	EPA 8270	8-12-09	8-13-09	
Chrysene	**2.0**	0.35	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**1.4**	0.35	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**1.1**	0.35	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**1.3**	0.35	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**0.72**	0.35	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**ND**	0.35	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**0.95**	0.35	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*65*	*19 - 97*				
Phenol-d6	*105*	*22 - 108*				
Nitrobenzene-d5	*81*	*21 - 106*				
2-Fluorobiphenyl	*94*	*29 - 107*				
2,4,6-Tribromophenol	*89*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-11-0809-2.5**					
Laboratory ID:	08-051-14					
N-Nitrosodimethylamine	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Pyridine	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Phenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Aniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Chlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Benzyl alcohol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Hexachloroethane	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Nitrobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Isophorone	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Nitrophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Naphthalene	**1.0**	0.21	EPA 8270	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Hexachlorobutadiene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Methylnaphthalene	**3.3**	0.21	EPA 8270	8-12-09	8-13-09	
1-Methylnaphthalene	**4.1**	0.21	EPA 8270	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Chloronaphthalene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2-Nitroaniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Dimethylphthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Acenaphthylene	**0.28**	0.21	EPA 8270	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-11-0809-2.5**					
Laboratory ID:	08-051-14					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270	8-12-09	8-13-09	
Acenaphthene	**1.5**	0.21	EPA 8270	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Dibenzofuran	**0.38**	0.21	EPA 8270	8-12-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Diethylphthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
4-Nitroaniline	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Fluorene	**1.0**	0.21	EPA 8270	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270	8-12-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Hexachlorobenzene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Pentachlorophenol	**ND**	1.1	EPA 8270	8-12-09	8-13-09	
Phenanthrene	**3.5**	0.21	EPA 8270	8-12-09	8-13-09	
Anthracene	**0.68**	0.21	EPA 8270	8-12-09	8-13-09	
Carbazole	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Di-n-butylphthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Fluoranthene	**1.4**	0.21	EPA 8270	8-12-09	8-13-09	
Benzidine	**ND**	2.1	EPA 8270	8-12-09	8-13-09	
Pyrene	**1.8**	0.21	EPA 8270	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	2.1	EPA 8270	8-12-09	8-13-09	
Benzo[a]anthracene	**0.50**	0.21	EPA 8270	8-12-09	8-13-09	
Chrysene	**0.50**	0.21	EPA 8270	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Di-n-octylphthalate	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Benzo[b]fluoranthene	**0.27**	0.21	EPA 8270	8-12-09	8-13-09	
Benzo[k]fluoranthene	**0.36**	0.21	EPA 8270	8-12-09	8-13-09	
Benzo[a]pyrene	**0.54**	0.21	EPA 8270	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**0.29**	0.21	EPA 8270	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**ND**	0.21	EPA 8270	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**0.41**	0.21	EPA 8270	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*19 - 97*				
Phenol-d6	*80*	*22 - 108*				
Nitrobenzene-d5	*72*	*21 - 106*				
2-Fluorobiphenyl	*92*	*29 - 107*				
2,4,6-Tribromophenol	*94*	*44 - 121*				
Terphenyl-d14	*100*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	MB0812S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Pyridine	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Phenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Aniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Hexachloroethane	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Nitrobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Isophorone	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0812S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-12-09	8-12-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Dibenzofuran	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Diethylphthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-12-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
1,2-Diphenylhydrazine	**0.35**	0.033	EPA 8270	8-12-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-12-09	8-12-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Carbazole	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Benzidine	**ND**	0.33	EPA 8270	8-12-09	8-12-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-12-09	8-12-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-12-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*19 - 97*				
Phenol-d6	*68*	*22 - 108*				
Nitrobenzene-d5	*74*	*21 - 106*				
2-Fluorobiphenyl	*72*	*29 - 107*				
2,4,6-Tribromophenol	*79*	*44 - 121*				
Terphenyl-d14	*82*	*37 - 120*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	SB0812S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.764**	**0.974**	1.33	1.33	57	73	27 - 100	24	37	
2-Chlorophenol	**0.775**	**0.972**	1.33	1.33	58	73	23 - 104	23	43	
1,4-Dichlorobenzene	**0.355**	**0.440**	0.667	0.667	53	66	23 - 86	21	40	
N-Nitroso-di-n-propylamine	**0.362**	**0.474**	0.667	0.667	54	71	28 - 96	27	37	
1,2,4-Trichlorobenzene	**0.367**	**0.470**	0.667	0.667	55	70	25 - 90	25	40	
4-Chloro-3-methylphenol	**0.862**	**1.08**	1.33	1.33	65	81	44 - 106	22	31	
Acenaphthene	**0.431**	**0.533**	0.667	0.667	65	80	39 - 93	21	28	
4-Nitrophenol	**1.17**	**1.35**	1.33	1.33	88	102	30 - 124	14	31	
2,4-Dinitrotoluene	**0.547**	**0.621**	0.667	0.667	82	93	53 - 109	13	34	
Pentachlorophenol	**1.10**	**1.25**	1.33	1.33	83	94	47 - 122	13	33	
Pyrene	**0.519**	**0.594**	0.667	0.667	78	89	55 - 108	13	29	
Surrogate:										
2-Fluorophenol					*51*	*63*	*19 - 97*			
Phenol-d6					*52*	*67*	*22 - 108*			
Nitrobenzene-d5					*57*	*71*	*21 - 106*			
2-Fluorobiphenyl					*58*	*74*	*29 - 107*			
2,4,6-Tribromophenol					*77*	*85*	*44 - 121*			
Terphenyl-d14					*75*	*83*	*37 - 120*			

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	**KM-16-0809-W**					
Laboratory ID:	08-051-07					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Naphthalene	**1.4**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-13-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylnaphthalene	**0.12**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-W**					
Laboratory ID:	08-051-07					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-13-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.2	EPA 8270	8-11-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pentachlorophenol	**ND**	5.2	EPA 8270	8-11-09	8-13-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*37*	*12 - 91*				
Phenol-d6	*32*	*10 - 102*				
Nitrobenzene-d5	*62*	*27 - 115*				
2-Fluorobiphenyl	*64*	*37 - 111*				
2,4,6-Tribromophenol	*74*	*48 - 121*				
Terphenyl-d14	*79*	*47 - 116*				

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	**KM-14-0809-W**					
Laboratory ID:	08-051-09					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Naphthalene	**0.13**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-13-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-14-0809-W**					
Laboratory ID:	08-051-09					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-13-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.1	EPA 8270	8-11-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pentachlorophenol	**ND**	5.1	EPA 8270	8-11-09	8-13-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*12 - 91*				
Phenol-d6	*31*	*10 - 102*				
Nitrobenzene-d5	*57*	*27 - 115*				
2-Fluorobiphenyl	*58*	*37 - 111*				
2,4,6-Tribromophenol	*78*	*48 - 121*				
Terphenyl-d14	*80*	*47 - 116*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	**KM-10-0809-W**					
Laboratory ID:	08-051-13					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Naphthalene	**0.37**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-13-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Acenaphthylene	**0.12**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-10-0809-W**					
Laboratory ID:	08-051-13					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-13-09	
Acenaphthene	**0.13**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-13-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-octylphthalate	**1.4**	1.0	EPA 8270	8-11-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*12 - 91*				
Phenol-d6	*28*	*10 - 102*				
Nitrobenzene-d5	*43*	*27 - 115*				
2-Fluorobiphenyl	*52*	*37 - 111*				
2,4,6-Tribromophenol	*65*	*48 - 121*				
Terphenyl-d14	*70*	*47 - 116*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	MB0811W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0811W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*12 - 91*				
Phenol-d6	*29*	*10 - 102*				
Nitrobenzene-d5	*77*	*27 - 115*				
2-Fluorobiphenyl	*69*	*37 - 111*				
2,4,6-Tribromophenol	*56*	*48 - 121*				
Terphenyl-d14	*83*	*47 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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:	SB0811W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**14.0**	40.0	40.0	39	35	17 - 69	10	34	
2-Chlorophenol	**27.7**	**24.2**	40.0	40.0	69	61	36 - 104	13	36	
1,4-Dichlorobenzene	**12.8**	**10.8**	20.0	20.0	64	54	29 - 90	17	34	
N-Nitroso-di-n-propylamine	**12.3**	**11.3**	20.0	20.0	62	57	34 - 101	8	38	
1,2,4-Trichlorobenzene	**13.2**	**11.9**	20.0	20.0	66	60	30 - 97	10	42	
4-Chloro-3-methylphenol	**30.0**	**29.8**	40.0	40.0	75	75	56 - 106	1	26	
Acenaphthene	**14.5**	**14.2**	20.0	20.0	73	71	46 - 94	2	34	
4-Nitrophenol	**21.1**	**22.8**	40.0	40.0	53	57	17 - 100	8	38	
2,4-Dinitrotoluene	**17.5**	**18.6**	20.0	20.0	88	93	50 - 121	6	18	
Pentachlorophenol	**36.5**	**38.2**	40.0	40.0	91	96	37 - 132	5	32	
Pyrene	**16.9**	**17.8**	20.0	20.0	85	89	65 - 108	5	18	
Surrogate:										
2-Fluorophenol					*47*	*40*	*12 - 91*			
Phenol-d6					*34*	*31*	*10 - 102*			
Nitrobenzene-d5					*69*	*63*	*27 - 115*			
2-Fluorobiphenyl					*68*	*65*	*37 - 111*			
2,4,6-Tribromophenol					*81*	*83*	*48 - 121*			
Terphenyl-d14					*82*	*85*	*47 - 116*			

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-4**					
Laboratory ID:	08-051-01					
Aroclor 1016	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*33-122*				
Client ID:	**KM-15-0809-4**					
Laboratory ID:	08-051-03					
Aroclor 1016	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.060	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*33-122*				
Client ID:	**KM-14-0809-2**					
Laboratory ID:	08-051-05					
Aroclor 1016	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.056	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**0.057**	0.056	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*33-122*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-13-0809-2**					
Laboratory ID:	08-051-10					
Aroclor 1016	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*33-122*				
Client ID:	**KM-10-0809-2**					
Laboratory ID:	08-051-11					
Aroclor 1016	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.052	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**0.14**	0.052	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*33-122*				
Client ID:	**KM-10-0809-5.5**					
Laboratory ID:	08-051-12					
Aroclor 1016	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*63*	*33-122*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-11-0809-2.5**					
Laboratory ID:	08-051-14					
Aroclor 1016	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.063	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*70*	*33-122*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

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:	MB0814S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-054-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.398**	**0.416**	0.500	0.500	ND	**80**	**83**	24-125	4	18	
Surrogate:											
DCB						*81*	*85*	*33-122*			

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-W**					
Laboratory ID:	08-051-07					
Aroclor 1016	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.051	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*39-128*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

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:	MB0807W1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-7-09	8-11-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*39-128*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0807W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.374**	**0.369**	0.500	0.500	N/A	**75**	**74**	58-113	1	11	
Surrogate:											
DCB						*79*	*77*	*39-128*			

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-14-0809-W**					
Laboratory ID:	08-051-09					
Aroclor 1016	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*39-128*				
Client ID:	**KM-10-0809-W**					
Laboratory ID:	08-051-13					
Aroclor 1016	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*39-128*				

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

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:	MB0812W1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*39-128*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0812W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.490**	**0.448**	0.500	0.500	N/A	**98**	**90**	58-113	9	11	
Surrogate:											
DCB						*103*	*96*	*39-128*			

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-01
Client ID: **KM-16-0809-4**

Analyte	Method	Result	PQL
Arsenic	6010B	**14**	11
Barium	6010B	**400**	27
Cadmium	6010B	**ND**	0.54
Chromium	6010B	**44**	0.54
Lead	6010B	**14**	5.4
Mercury	7471A	**ND**	0.27
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.54

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-03
Client ID: **KM-15-0809-4**

Analyte	Method	Result	PQL
Arsenic	6010B	**15**	12
Barium	6010B	**390**	30
Cadmium	6010B	**ND**	0.60
Chromium	6010B	**26**	0.60
Lead	6010B	**410**	6.0
Mercury	7471A	**0.83**	0.30
Selenium	6010B	**ND**	12
Silver	6010B	**ND**	0.60

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-05
Client ID: **KM-14-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**92**	2.8
Cadmium	6010B	**ND**	0.56
Chromium	6010B	**21**	0.56
Lead	6010B	**66**	5.6
Mercury	7471A	**ND**	0.28
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.56

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-10
Client ID: **KM-13-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**35**	2.6
Cadmium	6010B	**ND**	0.53
Chromium	6010B	**23**	0.53
Lead	6010B	**ND**	5.3
Mercury	7471A	**ND**	0.26
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.53

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-11
Client ID: **KM-10-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**110**	2.6
Cadmium	6010B	**1.8**	0.52
Chromium	6010B	**110**	0.52
Lead	6010B	**700**	5.2
Mercury	7471A	**ND**	0.26
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.52

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-12
Client ID: **KM-10-0809-5.5**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**26**	2.7
Cadmium	6010B	**ND**	0.53
Chromium	6010B	**7.4**	0.53
Lead	6010B	**17**	5.3
Mercury	7471A	**ND**	0.27
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.53

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11,18&19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-051-14
Client ID: **KM-11-0809-2.5**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	13
Barium	6010B	**380**	32
Cadmium	6010B	**ND**	0.63
Chromium	6010B	**9.4**	0.63
Lead	6010B	**44**	6.3
Mercury	7471A	**ND**	0.32
Selenium	6010B	**ND**	13
Silver	6010B	**ND**	0.63

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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

Date Extracted:	8-11&17-09
Date Analyzed:	8-11&18-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0811S2&MB0817S2

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

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**19.0**	**19.1**	0	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**4.74**	**5.40**	13	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	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.6**	95	**91.9**	92	3	
Barium	100	**114**	95	**113**	94	1	
Cadmium	50	**47.8**	96	**46.7**	93	2	
Chromium	100	**101**	96	**99.0**	94	2	
Lead	250	**244**	98	**239**	95	2	
Mercury	0.50	**0.466**	93	**0.448**	90	4	
Selenium	100	**94.7**	95	**88.8**	89	6	
Silver	25	**23.2**	93	**21.9**	88	6	

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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-051-07
Client ID: KM-16-0809-W

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-051-09
Client ID: KM-14-0809-W

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-051-13
Client ID: KM-10-0809-W

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	**1.4**	1.1
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.6
Silver	200.8	**ND**	11

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

Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10&13-09
Date Analyzed:	8-10&13-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0810W1&MB0813W1

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

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	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051
Project: 14697

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

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**111**	101	**114**	104	3	
Barium	110	**116**	105	**121**	110	5	
Cadmium	110	**113**	103	**116**	105	2	
Chromium	110	**107**	97	**109**	99	2	
Lead	110	**109**	99	**116**	105	6	
Mercury	12.5	**10.8**	86	**10.5**	84	3	
Selenium	110	**112**	102	**116**	105	3	
Silver	110	**107**	97	**116**	106	8	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 18, 2009
Samples Submitted: August 7, 2009
Lab Traveler: 0908-051
Project: 14697

% MOISTURE

Date Analyzed: 8-7-09

Client ID	Lab ID	% Moisture
KM-16-0809-4	08-051-01	8
KM-15-0809-4	08-051-03	17
KM-14-0809-2	08-051-05	11
KM-14-0809-7	08-051-06	18
KM-13-0809-2	08-051-10	5
KM-10-0809-2	08-051-11	3
KM-10-0809-5.5	08-051-12	6
KM-11-0809-2.5	08-051-14	21

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

Z1 - The chromatogram is similar to mineral spirits.

Z2 - The chromatogram is similar to gas with mineral spirits.

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

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

Chain of Custody

Page 1 of 2

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix

Project Number: 14697

Project Name: Kelly Moore Phase II

Project Managers: Tasya Gray

Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ _____ (other)

Laboratory Number: 08-051

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664						HOLD	% Moisture
1	KM-16-0809-4	8/6/09	715	S	6		X	X	X		X		X			X									X
2	KM-16-0809-8		720	S	6		X	X	X		X		X			X								X	
3	KM-15-0809-4		855	S	6		X	X	X		X		X			X									X
4	KM-15-0809-6.5		905	S	6		X	X	X		X		X			X								X	
5	KM-14-0809-2		1045	S	6		X	X	X		X		X			X									X
6	KM-14-0809-7		1050	S	6		X	X	X		X		X			X		HOLD.						⊗	X
7	KM-16-0809-W		0800	W	12		X	X	X		X		X			X									
8	KM-15-0809-W		0950	W	12		X	X	X		X		X			X								X	
9	KM-14-0809-W		1130	W	12		⊗	⊗	⊗		⊗		⊗			⊗								X	
10	KM-13-0809-2	↓	1215	S	6		X	X	X		X		X			X									X

	Signature	Company	Date	Time
Relinquished by		Amec GMX	8/7/09	850
Received by		Speedy	8/7/09	850
Relinquished by		Speedy	8/7/09	10:35
Received by			8/7/09	1035
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions

*Hold: KM-16-0809-8
KM-150809-6.5
KM-14-0809-W
KM-15-0809-W

⊗ Added 8/10/09. DB

Chromatograms with final report ☐

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Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-051

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	HOLD	% Moisture
11	KM-10-0809-2	8/6/09	1340	S	6		X	X	X		X		X			X				X
12	KM-10-0809-5.5		1350	S	6		X	X	X		X		X			X				X
13	KM-10-0809-W		1430	W	12		X	X	X		X		X			X			X	
14	KM-11-0809-2.5		1505	S	6		X	X	X		X		X			X				X
15	KM-11-0809-7		1515	S	6		X	X	X		X		X			X			X	
16	KM-11-0809-W		1555	W	12		X	X	X		X		X			X			X	

	Signature	Company	Date	Time
Relinquished by		Amec GMX	8/7/09	850
Received by	Van	Speedy	8/7/09	850
Relinquished by	Van	Speedy	8/7/09	1035
Received by			8/7/09	1035
Relinquished by				
Received by				

Comments/Special Instructions:
* Hold: KM-10-0809-W
KM-11-0809-W
KM-11-0809-7
Added 8/10/09. DTS

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

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

August 27, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-051B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 7, 2009.

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

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

Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

Case Narrative

Samples were collected on August 6, 2009, and received by the laboratory on August 7, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx/BTEX 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.

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

NWTPH-Gx/BTEX

Date Extracted: 8-20-09
Date Analyzed: 8-20-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **KM-11-0809-7**
Lab ID: 08-051-15

	Result	Flags	PQL
Benzene	**ND**		0.020
Toluene	**ND**		0.051
Ethyl Benzene	**ND**		0.051
m,p-Xylene	**ND**		0.051
o-Xylene	**ND**		0.051
TPH-Gas	**ND**		5.1
Surrogate Recovery:			
Fluorobenzene	105%		

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Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-20-09
Date Analyzed: 8-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0820S1

	Result	Flags	PQL
Benzene	**ND**		0.020
Toluene	**ND**		0.050
Ethyl Benzene	**ND**		0.050
m,p-Xylene	**ND**		0.050
o-Xylene	**ND**		0.050
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	99%		

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Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

NWTPH-Gx/BTEX
DUPLICATE QUALITY CONTROL

Date Extracted: 8-20-09
Date Analyzed: 8-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	08-151-02 **Original**	08-151-02 **Duplicate**	**RPD**	**Flags**
Benzene	**ND**	**ND**	NA	
Toluene	**ND**	**ND**	NA	
Ethyl Benzene	**ND**	**ND**	NA	
m,p-Xylene	**ND**	**ND**	NA	
o-Xylene	**ND**	**ND**	NA	
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	115%	110%		

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Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

NWTPH-Gx/BTEX
SB/SBD QUALITY CONTROL

Date Extracted: 8-20-09
Date Analyzed: 8-20-09

Matrix: Soil
Units: mg/kg (ppm)

Spike Level: 1.00 ppm

Lab ID:	SB0820S1 **SB**	Percent Recovery	SBD0820S1 **SBD**	Percent Recovery	**RPD**	**Flags**
Benzene	**0.950**	**95**	**0.947**	**95**	0	
Toluene	**0.984**	**98**	**0.991**	**99**	1	
Ethyl Benzene	**0.989**	**99**	**1.00**	**100**	1	
m,p-Xylene	**1.01**	**101**	**1.02**	**102**	1	
o-Xylene	**1.00**	**100**	**1.00**	**100**	1	

Surrogate Recovery:
Fluorobenzene 102% 102%

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

Date of Report: August 27, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051B
Project: 14697

% MOISTURE

Date Analyzed: 8-20-09

Client ID	Lab ID	% Moisture
KM-11-0809-7	08-051-15	5

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

Z1 - The chromatogram is similar to mineral spirits.

Z2 - The chromatogram is similar to gas with mineral spirits.

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

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

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

September 4, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-051C

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 7, 2009.

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

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

Date of Report: September 4, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051C
Project: 14697

Case Narrative

Samples were collected on August 6, 2009, and received by the laboratory on August 7, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

The extraction and analysis holding time for sample KM-16-0809-8 were exceeded by seven days.

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.

Semivolatiles EPA 8270D/SIM Analysis

The extraction holding time for sample KM-16-0809-8 were exceeded by seven days.

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.

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Project: 14697

NWTPH-Gx

Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix: Soil	
Units: mg/kg (ppm)	
Client ID:	**KM-16-0809-8**
Lab ID:	08-051-02

	Result	Flags	PQL
TPH-Gas	**ND** J		5.2
Surrogate Recovery:			
Fluorobenzene	105%		

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NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB0827S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	104%		

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NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-27-09
Date Analyzed: 8-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	08-157-28 **Original**	08-157-28 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	114%	109%		

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VOLATILES by EPA 8260B
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Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-051-02
Client ID:	**KM-16-0809-8**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND	J	0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

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Samples Submitted: August 7, 2009
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Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-051-02
Client ID: KM-16-0809-8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND	J	0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	93	54-130

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted:	8-27-09
Date Analyzed:	8-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0827S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0827S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	103	55-125
Toluene-d8	104	56-127
4-Bromofluorobenzene	97	54-130

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-27-09
Date Analyzed: 8-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0827S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0524	105	0.0514	103	70-130	
Benzene	0.0500	0.0480	96	0.0455	91	70-128	
Trichloroethene	0.0500	0.0453	91	0.0457	91	70-124	
Toluene	0.0500	0.0480	96	0.0489	98	73-123	
Chlorobenzene	0.0500	0.0425	85	0.0435	87	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	16	
Benzene	5	15	
Trichloroethene	1	14	
Toluene	2	14	
Chlorobenzene	2	13	

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-8**					
Laboratory ID:	08-051-02					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Pyridine	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Phenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Aniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Hexachloroethane	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Nitrobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Isophorone	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Naphthalene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Methylnaphthalene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
1-Methylnaphthalene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Acenaphthylene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	

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SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-16-0809-8**					
Laboratory ID:	08-051-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-09	9-1-09	
Acenaphthene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Dibenzofuran	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Diethylphthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Fluorene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-09	9-1-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-09	9-1-09	
Phenanthrene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Anthracene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Carbazole	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Fluoranthene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Benzidine	**ND**	0.35	EPA 8270	8-31-09	9-1-09	
Pyrene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
bis-2-Ethylhexyladipate	**0.095**	0.035	EPA 8270	8-31-09	9-1-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-31-09	9-1-09	
Benzo[a]anthracene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Chrysene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-31-09	9-1-09	
Benzo[b]fluoranthene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[k]fluoranthene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[a]pyrene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Dibenz[a,h]anthracene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[g,h,i]perylene	**ND**	0.014	EPA 8270/SIM	8-31-09	9-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*65*	*19 - 97*				
Phenol-d6	*76*	*22 - 108*				
Nitrobenzene-d5	*66*	*21 - 106*				
2-Fluorobiphenyl	*59*	*29 - 107*				
2,4,6-Tribromophenol	*71*	*44 - 121*				
Terphenyl-d14	*77*	*37 - 120*				

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Laboratory Reference: 0908-051C
Project: 14697

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:	MB0831S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Pyridine	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Phenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Aniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Hexachloroethane	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Nitrobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Isophorone	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	

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

Date of Report: September 4, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051C
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0831S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-31-09	9-1-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Dibenzofuran	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Diethylphthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-31-09	9-1-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-31-09	9-1-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Carbazole	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Benzidine	**ND**	0.33	EPA 8270	8-31-09	9-1-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-31-09	9-1-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-31-09	9-1-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-31-09	9-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*19 - 97*				
Phenol-d6	*67*	*22 - 108*				
Nitrobenzene-d5	*61*	*21 - 106*				
2-Fluorobiphenyl	*55*	*29 - 107*				
2,4,6-Tribromophenol	*71*	*44 - 121*				
Terphenyl-d14	*79*	*37 - 120*				

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

Date of Report: September 4, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051C
Project: 14697

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:	SB0831S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.974**	**0.851**	1.33	1.33	73	64	27 - 100	13	37	
2-Chlorophenol	**0.860**	**0.724**	1.33	1.33	65	54	23 - 104	17	43	
1,4-Dichlorobenzene	**0.375**	**0.311**	0.667	0.667	56	47	23 - 86	19	40	
N-Nitroso-di-n-propylamine	**0.466**	**0.425**	0.667	0.667	70	64	28 - 96	9	37	
1,2,4-Trichlorobenzene	**0.351**	**0.289**	0.667	0.667	53	43	25 - 90	19	40	
4-Chloro-3-methylphenol	**1.00**	**0.913**	1.33	1.33	75	69	44 - 106	9	31	
Acenaphthene	**0.408**	**0.381**	0.667	0.667	61	57	39 - 93	7	28	
4-Nitrophenol	**1.18**	**0.988**	1.33	1.33	89	74	30 - 124	18	31	
2,4-Dinitrotoluene	**0.516**	**0.461**	0.667	0.667	77	69	53 - 109	11	34	
Pentachlorophenol	**0.883**	**0.777**	1.33	1.33	66	58	47 - 122	13	33	
Pyrene	**0.513**	**0.470**	0.667	0.667	77	70	55 - 108	9	29	
Surrogate:										
2-Fluorophenol					*64*	*54*	*19 - 97*			
Phenol-d6					*70*	*63*	*22 - 108*			
Nitrobenzene-d5					*64*	*55*	*21 - 106*			
2-Fluorobiphenyl					*57*	*54*	*29 - 107*			
2,4,6-Tribromophenol					*65*	*60*	*44 - 121*			
Terphenyl-d14					*73*	*67*	*37 - 120*			

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

Date of Report: September 4, 2009
Samples Submitted: August 7, 2009
Laboratory Reference: 0908-051C
Project: 14697

% MOISTURE

Date Analyzed: 8-27-09

Client ID	Lab ID	% Moisture
KM-16-0809-8	08-051-02	6

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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z -

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

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

Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix
Project Number: 14697
Project Name: Kelly Moore Phase II
Project Managers: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-051

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664						HOLD	% Moisture
1	KM-16-0809-4	8/6/09	715	S	6		X	X	X		X		X			X									X
2	KM-16-0809-8		720	S	6		■	X	■		■		X			X								X	■
3	KM-15-0809-4		855	S	6		X	X	X		X		X			X									X
4	KM-15-0809-6,5		905	S	6		X	X	X		X		X			X								X	
5	KM-14-0809-2		1045	S	6		X	X	X		X		X			X									X
6	KM-14-0809-7		1050	S	6		X	X	X		X		X			X		HOLD.						⊗	X
7	KM-16-0809-W		0800	W	12		X	X	X		X		X			X									
8	KM-15-0809-W		0950	W	12		X	X	X		X		X			X								X	
9	KM-14-0809-W		1130	W	12		⊗	⊗	⊗		⊗		⊗			⊗								X	
10	KM-13-0809-2	↓	1215	S	6		X	X	X		X		X			X									X

	Signature	Company	Date	Time
Relinquished by		Amec GMX	8/7/09	850
Received by		Speedy	8/7/09	850
Relinquished by		Speedy	8/7/09	10:35
Received by			8/7/09	1035
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions

* Hold: KM-16-0809-8
KM-150809-6,5
KM-14-0809-W
KM-15-0809-W

⊗ Added 8/10/09. DB
● Added 8/20/09. DB
■ Added 8/27/09. DB

Chromatograms with final report ☑

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Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-051

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	HOLD	% Moisture
11	KM-10-0809-2	8/6/09	1340	S	6		X	X	X		X		X			X				X
12	KM-10-0809-5.5		1350	S	6		X	X	X		X		X			X				X
13	KM-10-0809-W		1430	W	12		⊗	⊗	⊗		⊗		⊗			⊗			X	
14	KM-11-0809-2.5		1505	S	6		X	X	X		X		X			X				X
15	KM-11-0809-7		1515	S	6		●	X	X		X		X			X			X	●
16	KM-11-0809-W		1555	W	12		X	X	X		X		X			X			X	

	Signature	Company	Date	Time
Relinquished by		Amec GMX	8/7/09	850
Received by		Speedy	8/7/09	850
Relinquished by		Speedy	8/7/09	10:35
Received by			8/7/09	1035
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

*Hold: KM-10-0809-W
KM-11-0809-W
KM-11-0809-7

⊗ Added 8/10/09. DB
● Added 8/20/09. DB

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

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

August 24, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-054

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 8, 2009.

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

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

Case Narrative

Samples were collected on August 7, 2009, and received by the laboratory on August 8, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx 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.

Volatiles EPA 8260B Analysis

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

Some MTCA cleanup levels are non-achievable for samples KM-7-0809-7 and KM-6-0809-2 due to the necessary dilution of the samples.

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

Semivolatiles EPA 8270D/SIM Analysis

Samples KM-8-0809-7 and method blank MB0817S1 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

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

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09	
Date Analyzed:	8-10&14-09	
Matrix: Soil		
Units: mg/kg (ppm)		
Client ID:	**KM-7-0809-2**	**KM-7-0809-7**
Lab ID:	08-054-01	08-054-02

	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**1200**	**Z1**	19	**2300**	**Z2**	590
Surrogate Recovery:						
Fluorobenzene	90%			---	**S**	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09					
Date Analyzed:	8-10&14-09					
Matrix: Soil						
Units: mg/kg (ppm)						
Client ID:	**KM-8-0809-2**			**KM-8-0809-7**		
Lab ID:	08-054-04			08-054-05		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**80**	**T**	14	**8400**	**Z1**	110
Surrogate Recovery:						
Fluorobenzene	85%			85%		

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09					
Date Analyzed:	8-10&14-09					
Matrix: Soil						
Units: mg/kg (ppm)						
Client ID:	**KM-12-0809-2**			**KM-5-0809-2.5**		
Lab ID:	08-054-07			08-054-10		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**ND**		5.0	**35**	**Z2**	7.2
Surrogate Recovery:						
Fluorobenzene	99%			90%		

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09					
Date Analyzed:	8-14-09					
Matrix: Soil						
Units: mg/kg (ppm)						
Client ID:	**KM-5-0809-6.5**			**KM-6-0809-2**		
Lab ID:	08-054-11			08-054-13		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**4400**	**Z2**	1200	**110**	**Z2**	62
Surrogate Recovery:						
Fluorobenzene	---	**S**		92%		

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted:	8-10-09
Date Analyzed:	8-14-09
Matrix: Soil	
Units: mg/kg (ppm)	
Client ID:	**KM-6-0809-4**
Lab ID:	08-054-14

	Result	Flags	PQL
TPH-Gas	**1200**	**Z2**	120
Surrogate Recovery:			
Fluorobenzene	83%		

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0810S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	85%		

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-14-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	08-054-07 **Original**	08-054-07 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	99%	95%		

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Client ID:	**KM-7-0809-W**			**KM-5-0809-W**		
Lab ID:	08-054-03			08-054-12		
	Result	Flags	PQL	**Result**	Flags	PQL
TPH-Gas	**ND**		100	**290**		100
Surrogate Recovery:						
Fluorobenzene	94%			95%		

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0810W2

	Result	Flags	PQL
TPH-Gas	**ND**		100
Surrogate Recovery:			
Fluorobenzene	94%		

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 8-12-09
Date Analyzed: 8-12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0812W1

	Result	Flags	PQL
TPH-Gas	**ND**		100
Surrogate Recovery:			
Fluorobenzene	93%		

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&12-09
Date Analyzed: 8-10&12-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	08-045-02 **Original**	08-045-02 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	94%		

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx

Date Extracted: 8-13-09
Date Analyzed: 8-13-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-7-0809-2**	**KM-7-0809-7**	**KM-8-0809-2**
Lab ID:	08-054-01	08-054-02	08-054-04
Diesel Range:	**ND**	**ND**	**34**
PQL:	94	920	33
Identification:	---	---	Diesel Range Organics
Lube Oil Range:	**97**	**ND**	**140**
PQL:	74	57	65
Identification:	Lube Oil	---	Lube Oil
Surrogate Recovery			
o-Terphenyl:	88%	90%	109%
Flags:	Y,U1	Y,U1	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx

Date Extracted: 8-13-09
Date Analyzed: 8-13-09

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	**KM-8-0809-7**	**KM-12-0809-2**	**KM-5-0809-2.5**
Lab ID:	08-054-05	08-054-07	08-054-10
Diesel Range:	**ND**	**ND**	**ND**
PQL:	2200	26	32
Identification:	---	---	---
Lube Oil Range:	**ND**	**ND**	**ND**
PQL:	54	53	64
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	89%	108%	119%
Flags:	Y,U1	Y	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)

Client ID:	**KM-5-0809-6.5**	**KM-6-0809-2**	**KM-6-0809-4**
Lab ID:	08-054-11	08-054-13	08-054-14
Diesel Range:	**ND**	**ND**	**ND**
PQL:	840	27	36
Identification:	---	---	---
Lube Oil Range:	**ND**	**ND**	**ND**
PQL:	53	54	53
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	107%	107%	109%
Flags:	Y,U1	Y	Y,U1

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0813S2
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	91%
Flags:	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-13-09
Date Analyzed:	8-13-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	08-054-07	08-054-07 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	108%	126%
Flags:	Y	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)

Client ID:	**KM-7-0809-W**	**KM-5-0809-W**
Lab ID:	08-054-03	08-054-12
Diesel Range:	**ND**	**ND**
PQL:	0.28	0.28
Identification:	---	---
Lube Oil Range:	**ND**	**ND**
PQL:	0.44	0.45
Identification:	---	---
Surrogate Recovery		
o-Terphenyl:	86%	78%
Flags:	Y	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB0810W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	83%
Flags:	Y

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
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Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	mg/L (ppm)

Lab ID:	08-035-08	08-035-08 DUP
Diesel Range:	**ND**	**ND**
PQL:	0.27	0.28
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	78%	93%
Flags:	Y	Y

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Date of Report: August 24, 2009
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Laboratory Reference: 0908-054
Project: 14697

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Date Extracted:	8-10-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-01
Client ID:	**KM-7-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		2.0
Chloromethane	ND		9.9
Vinyl Chloride	ND		2.0
Bromomethane	ND		2.0
Chloroethane	ND		9.9
Trichlorofluoromethane	ND		2.0
1,1-Dichloroethene	ND		2.0
Acetone	ND		9.9
Iodomethane	ND		9.9
Carbon Disulfide	ND		2.0
Methylene Chloride	ND		9.9
(trans) 1,2-Dichloroethene	ND		2.0
Methyl t-Butyl Ether	ND		2.0
1,1-Dichloroethane	ND		2.0
Vinyl Acetate	ND		9.9
2,2-Dichloropropane	ND		2.0
(cis) 1,2-Dichloroethene	ND		2.0
2-Butanone	ND		9.9
Bromochloromethane	ND		2.0
Chloroform	ND		2.0
1,1,1-Trichloroethane	ND		2.0
Carbon Tetrachloride	ND		2.0
1,1-Dichloropropene	ND		2.0
Benzene	ND		2.0
1,2-Dichloroethane	ND		2.0
Trichloroethene	ND		2.0
1,2-Dichloropropane	ND		2.0
Dibromomethane	ND		2.0
Bromodichloromethane	ND		2.0
2-Chloroethyl Vinyl Ether	ND		9.9
(cis) 1,3-Dichloropropene	ND		2.0
Methyl Isobutyl Ketone	47		9.9
Toluene	1200		50
(trans) 1,3-Dichloropropene	ND		2.0

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Date of Report: August 24, 2009
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Lab ID: 08-054-01
Client ID: KM-7-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		2.0
Tetrachloroethene	ND		2.0
1,3-Dichloropropane	ND		2.0
2-Hexanone	ND		9.9
Dibromochloromethane	ND		2.0
1,2-Dibromoethane	ND		2.0
Chlorobenzene	ND		2.0
1,1,1,2-Tetrachloroethane	ND		2.0
Ethylbenzene	57		2.0
m,p-Xylene	210		4.0
o-Xylene	59		2.0
Styrene	ND		2.0
Bromoform	ND		2.0
Isopropylbenzene	ND		2.0
Bromobenzene	ND		2.0
1,1,2,2-Tetrachloroethane	ND		2.0
1,2,3-Trichloropropane	ND		2.0
n-Propylbenzene	ND		2.0
2-Chlorotoluene	ND		2.0
4-Chlorotoluene	ND		2.0
1,3,5-Trimethylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
1,2,4-Trimethylbenzene	3.6		2.0
sec-Butylbenzene	ND		2.0
1,3-Dichlorobenzene	ND		2.0
p-Isopropyltoluene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
1,2-Dichlorobenzene	ND		2.0
n-Butylbenzene	ND		2.0
1,2-Dibromo-3-chloropropane	ND		9.9
1,2,4-Trichlorobenzene	ND		2.0
Hexachlorobutadiene	ND		9.9
Naphthalene	ND		2.0
1,2,3-Trichlorobenzene	ND		2.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	102	54-130

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Date Extracted: 8-10-09
Date Analyzed: 8-11-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-02
Client ID: KM-7-0809-7

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.072
Chloromethane	ND		0.36
Vinyl Chloride	ND		0.072
Bromomethane	ND		0.072
Chloroethane	ND		0.36
Trichlorofluoromethane	ND		0.072
1,1-Dichloroethene	ND		0.072
Acetone	0.36		0.36
Iodomethane	ND		0.36
Carbon Disulfide	ND		0.072
Methylene Chloride	ND		0.36
(trans) 1,2-Dichloroethene	ND		0.072
Methyl t-Butyl Ether	ND		0.072
1,1-Dichloroethane	ND		0.072
Vinyl Acetate	ND		0.36
2,2-Dichloropropane	ND		0.072
(cis) 1,2-Dichloroethene	ND		0.072
2-Butanone	ND		0.36
Bromochloromethane	ND		0.072
Chloroform	ND		0.072
1,1,1-Trichloroethane	ND		0.072
Carbon Tetrachloride	ND		0.072
1,1-Dichloropropene	ND		0.072
Benzene	ND		0.072
1,2-Dichloroethane	ND		0.072
Trichloroethene	ND		0.072
1,2-Dichloropropane	ND		0.072
Dibromomethane	ND		0.072
Bromodichloromethane	ND		0.072
2-Chloroethyl Vinyl Ether	ND		0.36
(cis) 1,3-Dichloropropene	ND		0.072
Methyl Isobutyl Ketone	ND		0.36
Toluene	ND		0.36
(trans) 1,3-Dichloropropene	ND		0.072

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
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Lab ID: 08-054-02
Client ID: KM-7-0809-7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.072
Tetrachloroethene	ND		0.072
1,3-Dichloropropane	ND		0.072
2-Hexanone	ND		0.36
Dibromochloromethane	ND		0.072
1,2-Dibromoethane	ND		0.072
Chlorobenzene	ND		0.072
1,1,1,2-Tetrachloroethane	ND		0.072
Ethylbenzene	ND		0.072
m,p-Xylene	ND		0.14
o-Xylene	ND		0.072
Styrene	ND		0.072
Bromoform	ND		0.072
Isopropylbenzene	0.25		0.072
Bromobenzene	ND		0.072
1,1,2,2-Tetrachloroethane	ND		0.072
1,2,3-Trichloropropane	ND		0.072
n-Propylbenzene	0.40		0.072
2-Chlorotoluene	ND		0.072
4-Chlorotoluene	ND		0.072
1,3,5-Trimethylbenzene	ND		0.072
tert-Butylbenzene	ND		0.072
1,2,4-Trimethylbenzene	ND		0.072
sec-Butylbenzene	0.12		0.072
1,3-Dichlorobenzene	ND		0.072
p-Isopropyltoluene	ND		0.072
1,4-Dichlorobenzene	ND		0.072
1,2-Dichlorobenzene	ND		0.072
n-Butylbenzene	0.19		0.072
1,2-Dibromo-3-chloropropane	ND		0.36
1,2,4-Trichlorobenzene	ND		0.072
Hexachlorobutadiene	ND		0.36
Naphthalene	ND		0.072
1,2,3-Trichlorobenzene	ND		0.072

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	74	55-125
Toluene-d8	82	56-127
4-Bromofluorobenzene	104	54-130

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Date of Report: August 24, 2009
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-04
Client ID:	**KM-8-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.081
Chloromethane	ND		0.41
Vinyl Chloride	ND		0.081
Bromomethane	ND		0.081
Chloroethane	ND		0.41
Trichlorofluoromethane	ND		0.081
1,1-Dichloroethene	ND		0.081
Acetone	ND		0.41
Iodomethane	ND		0.41
Carbon Disulfide	ND		0.081
Methylene Chloride	ND		0.41
(trans) 1,2-Dichloroethene	ND		0.081
Methyl t-Butyl Ether	ND		0.081
1,1-Dichloroethane	ND		0.081
Vinyl Acetate	ND		0.41
2,2-Dichloropropane	ND		0.081
(cis) 1,2-Dichloroethene	ND		0.081
2-Butanone	ND		0.41
Bromochloromethane	ND		0.081
Chloroform	ND		0.081
1,1,1-Trichloroethane	ND		0.081
Carbon Tetrachloride	ND		0.081
1,1-Dichloropropene	ND		0.081
Benzene	0.13		0.081
1,2-Dichloroethane	ND		0.081
Trichloroethene	ND		0.081
1,2-Dichloropropane	ND		0.081
Dibromomethane	ND		0.081
Bromodichloromethane	ND		0.081
2-Chloroethyl Vinyl Ether	ND		0.41
(cis) 1,3-Dichloropropene	ND		0.081
Methyl Isobutyl Ketone	ND		0.41
Toluene	ND		0.41
(trans) 1,3-Dichloropropene	ND		0.081

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Lab ID: 08-054-04
Client ID: KM-8-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.081
Tetrachloroethene	ND		0.081
1,3-Dichloropropane	ND		0.081
2-Hexanone	ND		0.41
Dibromochloromethane	ND		0.081
1,2-Dibromoethane	ND		0.081
Chlorobenzene	ND		0.081
1,1,1,2-Tetrachloroethane	ND		0.081
Ethylbenzene	0.45		0.081
m,p-Xylene	7.4		0.16
o-Xylene	ND		0.081
Styrene	ND		0.081
Bromoform	ND		0.081
Isopropylbenzene	0.085		0.081
Bromobenzene	ND		0.081
1,1,2,2-Tetrachloroethane	ND		0.081
1,2,3-Trichloropropane	ND		0.081
n-Propylbenzene	ND		0.081
2-Chlorotoluene	ND		0.081
4-Chlorotoluene	ND		0.081
1,3,5-Trimethylbenzene	ND		0.081
tert-Butylbenzene	ND		0.081
1,2,4-Trimethylbenzene	0.16		0.081
sec-Butylbenzene	ND		0.081
1,3-Dichlorobenzene	ND		0.081
p-Isopropyltoluene	ND		0.081
1,4-Dichlorobenzene	ND		0.081
1,2-Dichlorobenzene	ND		0.081
n-Butylbenzene	ND		0.081
1,2-Dibromo-3-chloropropane	ND		0.41
1,2,4-Trichlorobenzene	ND		0.081
Hexachlorobutadiene	ND		0.41
Naphthalene	0.14		0.081
1,2,3-Trichlorobenzene	ND		0.081

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	72	55-125
Toluene-d8	82	56-127
4-Bromofluorobenzene	111	54-130

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Date Extracted:	8-10-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-05
Client ID:	**KM-8-0809-7**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		2.4
Chloromethane	ND		12
Vinyl Chloride	ND		2.4
Bromomethane	ND		2.4
Chloroethane	ND		12
Trichlorofluoromethane	ND		2.4
1,1-Dichloroethene	ND		2.4
Acetone	ND		12
Iodomethane	ND		12
Carbon Disulfide	ND		2.4
Methylene Chloride	ND		12
(trans) 1,2-Dichloroethene	ND		2.4
Methyl t-Butyl Ether	ND		2.4
1,1-Dichloroethane	ND		2.4
Vinyl Acetate	ND		12
2,2-Dichloropropane	ND		2.4
(cis) 1,2-Dichloroethene	ND		2.4
2-Butanone	ND		12
Bromochloromethane	ND		2.4
Chloroform	ND		2.4
1,1,1-Trichloroethane	ND		2.4
Carbon Tetrachloride	ND		2.4
1,1-Dichloropropene	ND		2.4
Benzene	ND		2.4
1,2-Dichloroethane	ND		2.4
Trichloroethene	ND		2.4
1,2-Dichloropropane	ND		2.4
Dibromomethane	ND		2.4
Bromodichloromethane	ND		2.4
2-Chloroethyl Vinyl Ether	ND		12
(cis) 1,3-Dichloropropene	ND		2.4
Methyl Isobutyl Ketone	ND		12
Toluene	ND		12
(trans) 1,3-Dichloropropene	ND		2.4

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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Lab ID: 08-054-05
Client ID: KM-8-0809-7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		2.4
Tetrachloroethene	ND		2.4
1,3-Dichloropropane	ND		2.4
2-Hexanone	ND		12
Dibromochloromethane	ND		2.4
1,2-Dibromoethane	ND		2.4
Chlorobenzene	ND		2.4
1,1,1,2-Tetrachloroethane	ND		2.4
Ethylbenzene	330		2.4
m,p-Xylene	590		4.8
o-Xylene	ND		2.4
Styrene	ND		2.4
Bromoform	ND		2.4
Isopropylbenzene	6.4		2.4
Bromobenzene	ND		2.4
1,1,2,2-Tetrachloroethane	ND		2.4
1,2,3-Trichloropropane	ND		2.4
n-Propylbenzene	7.5		2.4
2-Chlorotoluene	ND		2.4
4-Chlorotoluene	ND		2.4
1,3,5-Trimethylbenzene	10		2.4
tert-Butylbenzene	ND		2.4
1,2,4-Trimethylbenzene	27		2.4
sec-Butylbenzene	ND		2.4
1,3-Dichlorobenzene	ND		2.4
p-Isopropyltoluene	ND		2.4
1,4-Dichlorobenzene	ND		2.4
1,2-Dichlorobenzene	ND		2.4
n-Butylbenzene	ND		2.4
1,2-Dibromo-3-chloropropane	ND		12
1,2,4-Trichlorobenzene	ND		2.4
Hexachlorobutadiene	ND		12
Naphthalene	ND		2.4
1,2,3-Trichlorobenzene	ND		2.4

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	55-125
Toluene-d8	82	56-127
4-Bromofluorobenzene	112	54-130

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-07
Client ID:	**KM-12-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-054-07
Client ID: KM-12-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	77	55-125
Toluene-d8	87	56-127
4-Bromofluorobenzene	114	54-130

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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Date Extracted:	8-11-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-10
Client ID:	**KM-5-0809-2.5**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0016
Chloromethane	ND		0.0078
Vinyl Chloride	ND		0.0016
Bromomethane	ND		0.0016
Chloroethane	ND		0.0078
Trichlorofluoromethane	ND		0.0016
1,1-Dichloroethene	ND		0.0016
Acetone	0.076		0.0078
Iodomethane	ND		0.0078
Carbon Disulfide	ND		0.0016
Methylene Chloride	ND		0.0078
(trans) 1,2-Dichloroethene	ND		0.0016
Methyl t-Butyl Ether	ND		0.0016
1,1-Dichloroethane	ND		0.0016
Vinyl Acetate	ND		0.0078
2,2-Dichloropropane	ND		0.0016
(cis) 1,2-Dichloroethene	ND		0.0016
2-Butanone	0.011		0.0078
Bromochloromethane	ND		0.0016
Chloroform	ND		0.0016
1,1,1-Trichloroethane	ND		0.0016
Carbon Tetrachloride	ND		0.0016
1,1-Dichloropropene	ND		0.0016
Benzene	ND		0.0016
1,2-Dichloroethane	ND		0.0016
Trichloroethene	ND		0.0016
1,2-Dichloropropane	ND		0.0016
Dibromomethane	ND		0.0016
Bromodichloromethane	ND		0.0016
2-Chloroethyl Vinyl Ether	ND		0.0078
(cis) 1,3-Dichloropropene	ND		0.0016
Methyl Isobutyl Ketone	ND		0.0078
Toluene	ND		0.0078
(trans) 1,3-Dichloropropene	ND		0.0016

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
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Lab ID: 08-054-10
Client ID: KM-5-0809-2.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0016
Tetrachloroethene	ND		0.0016
1,3-Dichloropropane	ND		0.0016
2-Hexanone	ND		0.0078
Dibromochloromethane	ND		0.0016
1,2-Dibromoethane	ND		0.0016
Chlorobenzene	ND		0.0016
1,1,1,2-Tetrachloroethane	ND		0.0016
Ethylbenzene	0.0061		0.0016
m,p-Xylene	ND		0.0031
o-Xylene	ND		0.0016
Styrene	ND		0.0016
Bromoform	ND		0.0016
Isopropylbenzene	0.015		0.0016
Bromobenzene	ND		0.0016
1,1,2,2-Tetrachloroethane	ND		0.0016
1,2,3-Trichloropropane	ND		0.0016
n-Propylbenzene	0.016		0.0016
2-Chlorotoluene	ND		0.0016
4-Chlorotoluene	ND		0.0016
1,3,5-Trimethylbenzene	ND		0.0016
tert-Butylbenzene	ND		0.0016
1,2,4-Trimethylbenzene	ND		0.0016
sec-Butylbenzene	0.0030		0.0016
1,3-Dichlorobenzene	ND		0.0016
p-Isopropyltoluene	ND		0.0016
1,4-Dichlorobenzene	ND		0.0016
1,2-Dichlorobenzene	ND		0.0016
n-Butylbenzene	ND		0.0016
1,2-Dibromo-3-chloropropane	ND		0.0078
1,2,4-Trichlorobenzene	ND		0.0016
Hexachlorobutadiene	ND		0.0078
Naphthalene	0.0038		0.0016
1,2,3-Trichlorobenzene	ND		0.0016

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	106	54-130

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Date Extracted:	8-10-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-11
Client ID:	**KM-5-0809-6.5**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.30
Chloromethane	ND		1.5
Vinyl Chloride	ND		0.30
Bromomethane	ND		0.30
Chloroethane	ND		1.5
Trichlorofluoromethane	ND		0.30
1,1-Dichloroethene	ND		0.30
Acetone	ND		1.5
Iodomethane	ND		1.5
Carbon Disulfide	ND		0.30
Methylene Chloride	ND		1.5
(trans) 1,2-Dichloroethene	ND		0.30
Methyl t-Butyl Ether	ND		0.30
1,1-Dichloroethane	ND		0.30
Vinyl Acetate	ND		1.5
2,2-Dichloropropane	ND		0.30
(cis) 1,2-Dichloroethene	ND		0.30
2-Butanone	ND		1.5
Bromochloromethane	ND		0.30
Chloroform	ND		0.30
1,1,1-Trichloroethane	ND		0.30
Carbon Tetrachloride	ND		0.30
1,1-Dichloropropene	ND		0.30
Benzene	ND		0.30
1,2-Dichloroethane	ND		0.30
Trichloroethene	ND		0.30
1,2-Dichloropropane	ND		0.30
Dibromomethane	ND		0.30
Bromodichloromethane	ND		0.30
2-Chloroethyl Vinyl Ether	ND		1.5
(cis) 1,3-Dichloropropene	ND		0.30
Methyl Isobutyl Ketone	ND		1.5
Toluene	ND		1.5
(trans) 1,3-Dichloropropene	ND		0.30

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Lab ID: 08-054-11
Client ID: KM-5-0809-6.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.30
Tetrachloroethene	ND		0.30
1,3-Dichloropropane	ND		0.30
2-Hexanone	ND		1.5
Dibromochloromethane	ND		0.30
1,2-Dibromoethane	ND		0.30
Chlorobenzene	ND		0.30
1,1,1,2-Tetrachloroethane	ND		0.30
Ethylbenzene	23		0.30
m,p-Xylene	ND		0.59
o-Xylene	ND		0.30
Styrene	ND		0.30
Bromoform	ND		0.30
Isopropylbenzene	1.6		0.30
Bromobenzene	ND		0.30
1,1,2,2-Tetrachloroethane	ND		0.30
1,2,3-Trichloropropane	ND		0.30
n-Propylbenzene	1.7		0.30
2-Chlorotoluene	ND		0.30
4-Chlorotoluene	ND		0.30
1,3,5-Trimethylbenzene	ND		0.30
tert-Butylbenzene	ND		0.30
1,2,4-Trimethylbenzene	ND		0.30
sec-Butylbenzene	0.36		0.30
1,3-Dichlorobenzene	ND		0.30
p-Isopropyltoluene	ND		0.30
1,4-Dichlorobenzene	ND		0.30
1,2-Dichlorobenzene	ND		0.30
n-Butylbenzene	0.55		0.30
1,2-Dibromo-3-chloropropane	ND		1.5
1,2,4-Trichlorobenzene	ND		0.30
Hexachlorobutadiene	ND		1.5
Naphthalene	ND		0.30
1,2,3-Trichlorobenzene	ND		0.30

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	76	55-125
Toluene-d8	87	56-127
4-Bromofluorobenzene	105	54-130

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Date Extracted:	8-10-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-13
Client ID:	**KM-6-0809-2**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.064
Chloromethane	ND		0.32
Vinyl Chloride	ND		0.064
Bromomethane	ND		0.064
Chloroethane	ND		0.32
Trichlorofluoromethane	ND		0.064
1,1-Dichloroethene	ND		0.064
Acetone	ND		0.32
Iodomethane	ND		0.32
Carbon Disulfide	ND		0.064
Methylene Chloride	ND		0.32
(trans) 1,2-Dichloroethene	ND		0.064
Methyl t-Butyl Ether	ND		0.064
1,1-Dichloroethane	ND		0.064
Vinyl Acetate	ND		0.32
2,2-Dichloropropane	ND		0.064
(cis) 1,2-Dichloroethene	ND		0.064
2-Butanone	ND		0.32
Bromochloromethane	ND		0.064
Chloroform	ND		0.064
1,1,1-Trichloroethane	ND		0.064
Carbon Tetrachloride	ND		0.064
1,1-Dichloropropene	ND		0.064
Benzene	ND		0.064
1,2-Dichloroethane	ND		0.064
Trichloroethene	ND		0.064
1,2-Dichloropropane	ND		0.064
Dibromomethane	ND		0.064
Bromodichloromethane	ND		0.064
2-Chloroethyl Vinyl Ether	ND		0.32
(cis) 1,3-Dichloropropene	ND		0.064
Methyl Isobutyl Ketone	ND		0.32
Toluene	ND		0.32
(trans) 1,3-Dichloropropene	ND		0.064

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Lab ID: 08-054-13
Client ID: KM-6-0809-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.064
Tetrachloroethene	ND		0.064
1,3-Dichloropropane	ND		0.064
2-Hexanone	ND		0.32
Dibromochloromethane	ND		0.064
1,2-Dibromoethane	ND		0.064
Chlorobenzene	ND		0.064
1,1,1,2-Tetrachloroethane	ND		0.064
Ethylbenzene	ND		0.064
m,p-Xylene	ND		0.13
o-Xylene	ND		0.064
Styrene	ND		0.064
Bromoform	ND		0.064
Isopropylbenzene	ND		0.064
Bromobenzene	ND		0.064
1,1,2,2-Tetrachloroethane	ND		0.064
1,2,3-Trichloropropane	ND		0.064
n-Propylbenzene	ND		0.064
2-Chlorotoluene	ND		0.064
4-Chlorotoluene	ND		0.064
1,3,5-Trimethylbenzene	ND		0.064
tert-Butylbenzene	ND		0.064
1,2,4-Trimethylbenzene	ND		0.064
sec-Butylbenzene	ND		0.064
1,3-Dichlorobenzene	ND		0.064
p-Isopropyltoluene	ND		0.064
1,4-Dichlorobenzene	ND		0.064
1,2-Dichlorobenzene	ND		0.064
n-Butylbenzene	ND		0.064
1,2-Dibromo-3-chloropropane	ND		0.32
1,2,4-Trichlorobenzene	ND		0.064
Hexachlorobutadiene	ND		0.32
Naphthalene	ND		0.064
1,2,3-Trichlorobenzene	ND		0.064

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	73	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	102	54-130

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Date Extracted:	8-10-09
Date Analyzed:	8-11-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-054-14
Client ID:	**KM-6-0809-4**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.062
Chloromethane	ND		0.31
Vinyl Chloride	ND		0.062
Bromomethane	ND		0.062
Chloroethane	ND		0.31
Trichlorofluoromethane	ND		0.062
1,1-Dichloroethene	ND		0.062
Acetone	ND		0.31
Iodomethane	ND		0.31
Carbon Disulfide	ND		0.062
Methylene Chloride	ND		0.31
(trans) 1,2-Dichloroethene	ND		0.062
Methyl t-Butyl Ether	ND		0.062
1,1-Dichloroethane	ND		0.062
Vinyl Acetate	ND		0.31
2,2-Dichloropropane	ND		0.062
(cis) 1,2-Dichloroethene	ND		0.062
2-Butanone	ND		0.31
Bromochloromethane	ND		0.062
Chloroform	ND		0.062
1,1,1-Trichloroethane	ND		0.062
Carbon Tetrachloride	ND		0.062
1,1-Dichloropropene	ND		0.062
Benzene	ND		0.062
1,2-Dichloroethane	ND		0.062
Trichloroethene	ND		0.062
1,2-Dichloropropane	ND		0.062
Dibromomethane	ND		0.062
Bromodichloromethane	ND		0.062
2-Chloroethyl Vinyl Ether	ND		0.31
(cis) 1,3-Dichloropropene	ND		0.062
Methyl Isobutyl Ketone	ND		0.31
Toluene	0.33		0.31
(trans) 1,3-Dichloropropene	ND		0.062

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Lab ID: 08-054-14
Client ID: KM-6-0809-4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.062
Tetrachloroethene	ND		0.062
1,3-Dichloropropane	ND		0.062
2-Hexanone	ND		0.31
Dibromochloromethane	ND		0.062
1,2-Dibromoethane	ND		0.062
Chlorobenzene	ND		0.062
1,1,1,2-Tetrachloroethane	ND		0.062
Ethylbenzene	8.3		0.062
m,p-Xylene	11		0.12
o-Xylene	1.8		0.062
Styrene	ND		0.062
Bromoform	ND		0.062
Isopropylbenzene	0.77		0.062
Bromobenzene	ND		0.062
1,1,2,2-Tetrachloroethane	ND		0.062
1,2,3-Trichloropropane	ND		0.062
n-Propylbenzene	0.90		0.062
2-Chlorotoluene	ND		0.062
4-Chlorotoluene	ND		0.062
1,3,5-Trimethylbenzene	0.35		0.062
tert-Butylbenzene	ND		0.062
1,2,4-Trimethylbenzene	1.3		0.062
sec-Butylbenzene	0.14		0.062
1,3-Dichlorobenzene	ND		0.062
p-Isopropyltoluene	0.088		0.062
1,4-Dichlorobenzene	ND		0.062
1,2-Dichlorobenzene	ND		0.062
n-Butylbenzene	ND		0.062
1,2-Dibromo-3-chloropropane	ND		0.31
1,2,4-Trichlorobenzene	ND		0.062
Hexachlorobutadiene	ND		0.31
Naphthalene	0.21		0.062
1,2,3-Trichlorobenzene	ND		0.062

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	76	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	113	54-130

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0810S2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0810S2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	78	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	118	54-130

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Date Extracted: 8-11-09
Date Analyzed: 8-11-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0811S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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METHOD BLANK QUALITY CONTROL
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Lab ID: MB0811S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	55-125
Toluene-d8	96	56-127
4-Bromofluorobenzene	114	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0810S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0393	79	0.0393	79	70-130	
Benzene	0.0500	0.0355	71	0.0353	71	70-128	
Trichloroethene	0.0500	0.0372	74	0.0391	78	70-124	
Toluene	0.0500	0.0373	75	0.0382	76	73-123	
Chlorobenzene	0.0500	0.0489	98	0.0497	99	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	16	
Benzene	1	15	
Trichloroethene	5	14	
Toluene	2	14	
Chlorobenzene	2	13	

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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-11-09
Date Analyzed: 8-11-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0811S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0401	80	0.0394	79	70-130	
Benzene	0.0500	0.0360	72	0.0370	74	70-128	
Trichloroethene	0.0500	0.0402	80	0.0428	86	70-124	
Toluene	0.0500	0.0394	79	0.0406	81	73-123	
Chlorobenzene	0.0500	0.0507	101	0.0523	105	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	16	
Benzene	3	15	
Trichloroethene	6	14	
Toluene	3	14	
Chlorobenzene	3	13	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-054-03
Client ID:	**KM-7-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	13		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 08-054-03
Client ID: KM-7-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	0.48		0.20
m,p-Xylene	1.0		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	0.26		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	91	70-123

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Date Extracted:	8-10-09
Date Analyzed:	8-10-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-054-12
Client ID:	**KM-5-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	4.2		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 08-054-12
Client ID: KM-5-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	15		0.20
m,p-Xylene	57		0.40
o-Xylene	6.7		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	0.65		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	0.29		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	0.28		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	94	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0810W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 24, 2009
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Laboratory Reference: 0908-054
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0810W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	92	70-123

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-10-09
Date Analyzed: 8-10-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0810W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	8.72	87	8.17	82	70-130	
Benzene	10.0	9.38	94	8.88	89	70-130	
Trichloroethene	10.0	9.65	97	9.29	93	70-123	
Toluene	10.0	9.88	99	9.75	98	77-120	
Chlorobenzene	10.0	10.6	106	10.6	106	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	21	
Benzene	5	18	
Trichloroethene	4	18	
Toluene	1	17	
Chlorobenzene	0	18	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-2**					
Laboratory ID:	08-054-01					
N-Nitrosodimethylamine	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**3.5**	0.49	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**4.1**	0.49	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Naphthalene	**0.14**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.023**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**0.013**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-2**					
Laboratory ID:	08-054-01					
2,4-Dinitrophenol	**ND**	2.5	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	2.5	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	2.5	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**0.017**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**0.025**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	4.9	EPA 8270	8-14-09	8-23-09	
Pyrene	**0.024**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	4.9	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.49	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*45*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*55*	*21 - 106*				
2-Fluorobiphenyl	*58*	*29 - 107*				
2,4,6-Tribromophenol	*54*	*44 - 121*				
Terphenyl-d14	*63*	*37 - 120*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-7**					
Laboratory ID:	08-054-02					
N-Nitrosodimethylamine	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Naphthalene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.032**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**0.020**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	

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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-7**					
Laboratory ID:	08-054-02					
2,4-Dinitrophenol	**ND**	0.96	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.96	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	0.96	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	1.9	EPA 8270	8-14-09	8-23-09	
Pyrene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*60*	*19 - 97*				
Phenol-d6	*77*	*22 - 108*				
Nitrobenzene-d5	*94*	*21 - 106*				
2-Fluorobiphenyl	*76*	*29 - 107*				
2,4,6-Tribromophenol	*72*	*44 - 121*				
Terphenyl-d14	*84*	*37 - 120*				

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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-8-0809-2**					
Laboratory ID:	08-054-04					
N-Nitrosodimethylamine	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Naphthalene	**0.13**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.030**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**0.019**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**0.032**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-8-0809-2**					
Laboratory ID:	08-054-04					
2,4-Dinitrophenol	**ND**	2.2	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**0.013**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Fluorene	**0.034**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	2.2	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	2.2	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**0.45**	0.43	EPA 8270	8-14-09	8-23-09	
Anthracene	**0.13**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**1.1**	0.43	EPA 8270	8-14-09	8-23-09	
Benzidine	**ND**	4.3	EPA 8270	8-14-09	8-23-09	
Pyrene	**1.2**	0.43	EPA 8270	8-14-09	8-23-09	
Butylbenzylphthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	4.3	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**0.46**	0.43	EPA 8270	8-14-09	8-23-09	
Chrysene	**0.64**	0.43	EPA 8270	8-14-09	8-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.43	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**0.49**	0.43	EPA 8270	8-14-09	8-23-09	
Benzo[k]fluoranthene	**0.50**	0.43	EPA 8270	8-14-09	8-23-09	
Benzo[a]pyrene	**0.81**	0.43	EPA 8270	8-14-09	8-23-09	
Indeno[1,2,3-cd]pyrene	**0.51**	0.43	EPA 8270	8-14-09	8-23-09	
Dibenz[a,h]anthracene	**0.10**	0.0087	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**0.72**	0.43	EPA 8270	8-14-09	8-23-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*40*	*19 - 97*				
Phenol-d6	*51*	*22 - 108*				
Nitrobenzene-d5	*47*	*21 - 106*				
2-Fluorobiphenyl	*58*	*29 - 107*				
2,4,6-Tribromophenol	*51*	*44 - 121*				
Terphenyl-d14	*67*	*37 - 120*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-8-0809-7**					
Laboratory ID:	08-054-05					
N-Nitrosodimethylamine	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Naphthalene	**0.69**	0.36	EPA 8270	8-14-09	8-23-09	
4-Chloroaniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.21**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**0.12**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-8-0809-7**					
Laboratory ID:	08-054-05					
2,4-Dinitrophenol	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**0.011**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Fluorene	**0.010**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**0.034**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**0.040**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	3.6	EPA 8270	8-14-09	8-23-09	
Pyrene	**0.054**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	3.6	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**0.012**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**0.013**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.36	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**0.017**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**0.014**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**0.0082**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**0.011**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*115*	*22 - 108*				Q
Nitrobenzene-d5	*91*	*21 - 106*				
2-Fluorobiphenyl	*84*	*29 - 107*				
2,4,6-Tribromophenol	*75*	*44 - 121*				
Terphenyl-d14	*90*	*37 - 120*				

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Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-12-0809-2**					
Laboratory ID:	08-054-07					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Naphthalene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	

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Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-12-0809-2**					
Laboratory ID:	08-054-07					
2,4-Dinitrophenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Pyrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*19 - 97*				
Phenol-d6	*61*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*63*	*29 - 107*				
2,4,6-Tribromophenol	*65*	*44 - 121*				
Terphenyl-d14	*77*	*37 - 120*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-2.5**					
Laboratory ID:	08-054-10					
N-Nitrosodimethylamine	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Naphthalene	**0.015**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.0089**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-2.5**					
Laboratory ID:	08-054-10					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	1.1	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	2.1	EPA 8270	8-14-09	8-23-09	
Pyrene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	2.1	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.21	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0085	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*19 - 97*				
Phenol-d6	*62*	*22 - 108*				
Nitrobenzene-d5	*59*	*21 - 106*				
2-Fluorobiphenyl	*61*	*29 - 107*				
2,4,6-Tribromophenol	*59*	*44 - 121*				
Terphenyl-d14	*71*	*37 - 120*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-6.5**					
Laboratory ID:	08-054-11					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Naphthalene	**0.052**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**0.062**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**0.037**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-6.5**					
Laboratory ID:	08-054-11					
2,4-Dinitrophenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	0.88	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**0.015**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**0.010**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Pyrene	**0.012**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0070	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*69*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*91*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*67*	*44 - 121*				
Terphenyl-d14	*79*	*37 - 120*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-6-0809-2**					
Laboratory ID:	08-054-13					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pyridine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Phenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Aniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachloroethane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Nitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Isophorone	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Naphthalene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-6-0809-2**					
Laboratory ID:	08-054-13					
2,4-Dinitrophenol	**ND**	0.90	EPA 8270	8-14-09	8-23-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Dibenzofuran	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Diethylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluorene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.90	EPA 8270	8-14-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Pentachlorophenol	**ND**	0.90	EPA 8270	8-14-09	8-23-09	
Phenanthrene	**0.014**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Anthracene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Carbazole	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Fluoranthene	**0.011**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Pyrene	**0.012**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	8-14-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Chrysene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	8-14-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270/SIM	8-14-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*54*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*58*	*21 - 106*				
2-Fluorobiphenyl	*61*	*29 - 107*				
2,4,6-Tribromophenol	*55*	*44 - 121*				
Terphenyl-d14	*65*	*37 - 120*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-6-0809-4**					
Laboratory ID:	08-054-14					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Pyridine	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Phenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Aniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Hexachloroethane	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Nitrobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Isophorone	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Naphthalene	**0.023**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Methylnaphthalene	**0.015**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
1-Methylnaphthalene	**0.011**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-6-0809-4**					
Laboratory ID:	08-054-14					
2,4-Dinitrophenol	**ND**	0.89	EPA 8270	8-17-09	8-23-09	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Dibenzofuran	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Diethylphthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Fluorene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.89	EPA 8270	8-17-09	8-23-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Pentachlorophenol	**ND**	0.89	EPA 8270	8-17-09	8-23-09	
Phenanthrene	**0.014**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Anthracene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Carbazole	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Fluoranthene	**0.012**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Benzidine	**ND**	1.8	EPA 8270	8-17-09	8-23-09	
Pyrene	**0.013**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	8-17-09	8-23-09	
Benzo[a]anthracene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Chrysene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	8-17-09	8-23-09	
Benzo[b]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0071	EPA 8270/SIM	8-17-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*19 - 97*				
Phenol-d6	*56*	*22 - 108*				
Nitrobenzene-d5	*57*	*21 - 106*				
2-Fluorobiphenyl	*55*	*29 - 107*				
2,4,6-Tribromophenol	*57*	*44 - 121*				
Terphenyl-d14	*69*	*37 - 120*				

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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	MB0814S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Pyridine	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Phenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Aniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Hexachloroethane	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Nitrobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Isophorone	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	

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Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0814S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-14-09	8-14-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Dibenzofuran	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Diethylphthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-14-09	8-14-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-14-09	8-14-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Carbazole	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Benzidine	**ND**	0.33	EPA 8270	8-14-09	8-14-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-14-09	8-14-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-14-09	8-14-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*64*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*74*	*21 - 106*				
2-Fluorobiphenyl	*66*	*29 - 107*				
2,4,6-Tribromophenol	*68*	*44 - 121*				
Terphenyl-d14	*83*	*37 - 120*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	MB0817S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Pyridine	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Phenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Aniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Hexachloroethane	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Nitrobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Isophorone	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0817S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-17-09	8-17-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Dibenzofuran	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Diethylphthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-17-09	8-17-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-17-09	8-17-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Carbazole	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Benzidine	**ND**	0.33	EPA 8270	8-17-09	8-17-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-17-09	8-17-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-17-09	8-17-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-17-09	8-17-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*19 - 97*				
Phenol-d6	*43*	*22 - 108*				
Nitrobenzene-d5	*50*	*21 - 106*				
2-Fluorobiphenyl	*39*	*29 - 107*				
2,4,6-Tribromophenol	*37*	*44 - 121*				Q
Terphenyl-d14	*41*	*37 - 120*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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
Laboratory ID:	SB0814S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**1.10**	**1.06**	1.33	1.33	83	80	27 - 100	4	37	
2-Chlorophenol	**0.933**	**0.886**	1.33	1.33	70	67	23 - 104	5	43	
1,4-Dichlorobenzene	**0.404**	**0.386**	0.667	0.667	61	58	23 - 86	5	40	
N-Nitroso-di-n-propylamine	**0.524**	**0.534**	0.667	0.667	79	80	28 - 96	2	37	
1,2,4-Trichlorobenzene	**0.396**	**0.372**	0.667	0.667	59	56	25 - 90	6	40	
4-Chloro-3-methylphenol	**1.12**	**1.13**	1.33	1.33	84	85	44 - 106	1	31	
Acenaphthene	**0.502**	**0.504**	0.667	0.667	75	76	39 - 93	0	28	
4-Nitrophenol	**1.25**	**1.22**	1.33	1.33	94	92	30 - 124	2	31	
2,4-Dinitrotoluene	**0.587**	**0.593**	0.667	0.667	88	89	53 - 109	1	34	
Pentachlorophenol	**1.02**	**1.01**	1.33	1.33	77	76	47 - 122	1	33	
Pyrene	**0.581**	**0.575**	0.667	0.667	87	86	55 - 108	1	29	
Surrogate:										
2-Fluorophenol					*67*	*65*	*19 - 97*			
Phenol-d6					*75*	*72*	*22 - 108*			
Nitrobenzene-d5					*76*	*72*	*21 - 106*			
2-Fluorobiphenyl					*69*	*69*	*29 - 107*			
2,4,6-Tribromophenol					*71*	*71*	*44 - 121*			
Terphenyl-d14					*83*	*82*	*37 - 120*			
Laboratory ID:	SB0817S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**1.29**	**1.29**	1.33	1.33	97	97	27 - 100	0	37	
2-Chlorophenol	**1.15**	**1.13**	1.33	1.33	86	85	23 - 104	2	43	
1,4-Dichlorobenzene	**0.513**	**0.516**	0.667	0.667	77	77	23 - 86	1	40	
N-Nitroso-di-n-propylamine	**0.644**	**0.642**	0.667	0.667	96	96	28 - 96	0	37	
1,2,4-Trichlorobenzene	**0.462**	**0.472**	0.667	0.667	69	71	25 - 90	2	40	
4-Chloro-3-methylphenol	**1.22**	**1.14**	1.33	1.33	92	86	44 - 106	7	31	
Acenaphthene	**0.565**	**0.530**	0.667	0.667	85	79	39 - 93	6	28	
4-Nitrophenol	**1.31**	**1.31**	1.33	1.33	98	98	30 - 124	0	31	
2,4-Dinitrotoluene	**0.627**	**0.598**	0.667	0.667	94	90	53 - 109	5	34	
Pentachlorophenol	**0.963**	**0.955**	1.33	1.33	72	72	47 - 122	1	33	
Pyrene	**0.566**	**0.546**	0.667	0.667	85	82	55 - 108	4	29	
Surrogate:										
2-Fluorophenol					*83*	*81*	*19 - 97*			
Phenol-d6					*89*	*88*	*22 - 108*			
Nitrobenzene-d5					*97*	*98*	*21 - 106*			
2-Fluorobiphenyl					*79*	*75*	*29 - 107*			
2,4,6-Tribromophenol					*72*	*68*	*44 - 121*			

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

Terphenyl-d14	*81*	*77*	*37 - 120*

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	**KM-7-0809-W**					
Laboratory ID:	08-054-03					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-13-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-W**					
Laboratory ID:	08-054-03					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-13-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.1	EPA 8270	8-11-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Pentachlorophenol	**ND**	5.1	EPA 8270	8-11-09	8-13-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-13-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*37*	*12 - 91*				
Phenol-d6	*30*	*10 - 102*				
Nitrobenzene-d5	*57*	*27 - 115*				
2-Fluorobiphenyl	*60*	*37 - 111*				
2,4,6-Tribromophenol	*78*	*48 - 121*				
Terphenyl-d14	*80*	*47 - 116*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	**KM-5-0809-W**					
Laboratory ID:	08-054-12					
N-Nitrosodimethylamine	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Pyridine	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Phenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Aniline	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethyl)ether	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Chlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,3-Dichlorobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,4-Dichlorobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Benzyl alcohol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,2-Dichlorobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Methylphenol (o-Cresol)	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroisopropyl)ether	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
N-Nitroso-di-n-propylamine	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Hexachloroethane	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Nitrobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Isophorone	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Nitrophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,4-Dimethylphenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
bis(2-Chloroethoxy)methane	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,4-Dichlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,2,4-Trichlorobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Naphthalene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	9.9	EPA 8270	8-11-09	8-13-09	
Hexachlorobutadiene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
4-Chloro-3-methylphenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,4,6-Trichlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,3-Dichloroaniline	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,4,5-Trichlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Chloronaphthalene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2-Nitroaniline	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,4-Dinitrobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Dimethylphthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,3-Dinitrobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,6-Dinitrotoluene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
1,2-Dinitrobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Acenaphthylene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	0.99	EPA 8270	8-11-09	8-13-09	

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-W**					
Laboratory ID:	08-054-12					
2,4-Dinitrophenol	**ND**	9.9	EPA 8270	8-11-09	8-13-09	
Acenaphthene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,4-Dinitrotoluene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Dibenzofuran	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Diethylphthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
4-Chlorophenyl-phenylether	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
4-Nitroaniline	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Fluorene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-13-09	
N-Nitrosodiphenylamine	**ND**	9.9	EPA 8270	8-11-09	8-13-09	
1,2-Diphenylhydrazine	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
4-Bromophenyl-phenylether	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Hexachlorobenzene	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-13-09	
Phenanthrene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Di-n-butylphthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Fluoranthene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	9.9	EPA 8270	8-11-09	8-13-09	
Pyrene	**ND**	0.099	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
bis-2-Ethylhexyladipate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
3,3'-Dichlorobenzidine	**ND**	9.9	EPA 8270	8-11-09	8-13-09	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Di-n-octylphthalate	**ND**	0.99	EPA 8270	8-11-09	8-13-09	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*12 - 91*				
Phenol-d6	*34*	*10 - 102*				
Nitrobenzene-d5	*66*	*27 - 115*				
2-Fluorobiphenyl	*69*	*37 - 111*				
2,4,6-Tribromophenol	*81*	*48 - 121*				
Terphenyl-d14	*82*	*47 - 116*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	MB0811W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pyridine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Phenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Aniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachloroethane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Nitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Isophorone	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Chloroaniline	**ND**	10	EPA 8270	8-11-09	8-12-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0811W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-11-09	8-12-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Dibenzofuran	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Diethylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-11-09	8-12-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-11-09	8-12-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Carbazole	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Benzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-11-09	8-12-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-11-09	8-12-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-11-09	8-12-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-11-09	8-12-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*12 - 91*				
Phenol-d6	*29*	*10 - 102*				
Nitrobenzene-d5	*77*	*27 - 115*				
2-Fluorobiphenyl	*69*	*37 - 111*				
2,4,6-Tribromophenol	*56*	*48 - 121*				
Terphenyl-d14	*83*	*47 - 116*				

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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:	SB0811W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**14.0**	40.0	40.0	39	35	17 - 69	10	34	
2-Chlorophenol	**27.7**	**24.2**	40.0	40.0	69	61	36 - 104	13	36	
1,4-Dichlorobenzene	**12.8**	**10.8**	20.0	20.0	64	54	29 - 90	17	34	
N-Nitroso-di-n-propylamine	**12.3**	**11.3**	20.0	20.0	62	57	34 - 101	8	38	
1,2,4-Trichlorobenzene	**13.2**	**11.9**	20.0	20.0	66	60	30 - 97	10	42	
4-Chloro-3-methylphenol	**30.0**	**29.8**	40.0	40.0	75	75	56 - 106	1	26	
Acenaphthene	**14.5**	**14.2**	20.0	20.0	73	71	46 - 94	2	34	
4-Nitrophenol	**21.1**	**22.8**	40.0	40.0	53	57	17 - 100	8	38	
2,4-Dinitrotoluene	**17.5**	**18.6**	20.0	20.0	88	93	50 - 121	6	18	
Pentachlorophenol	**36.5**	**38.2**	40.0	40.0	91	96	37 - 132	5	32	
Pyrene	**16.9**	**17.8**	20.0	20.0	85	89	65 - 108	5	18	
Surrogate:										
2-Fluorophenol					*47*	*40*	*12 - 91*			
Phenol-d6					*34*	*31*	*10 - 102*			
Nitrobenzene-d5					*69*	*63*	*27 - 115*			
2-Fluorobiphenyl					*68*	*65*	*37 - 111*			
2,4,6-Tribromophenol					*81*	*83*	*48 - 121*			
Terphenyl-d14					*82*	*85*	*47 - 116*			

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-2**					
Laboratory ID:	08-054-01					
Aroclor 1016	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1221	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1232	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1242	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1248	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1254	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Aroclor 1260	**ND**	0.074	EPA 8082	8-14-09	8-18-09	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*76*	*33-122*				
Client ID:	**KM-7-0809-7**					
Laboratory ID:	08-054-02					
Aroclor 1016	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.057	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*33-122*				
Client ID:	**KM-8-0809-2**					
Laboratory ID:	08-054-04					
Aroclor 1016	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1221	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1232	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1242	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1248	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1254	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Aroclor 1260	**ND**	0.065	EPA 8082	8-14-09	8-18-09	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*76*	*33-122*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-8-0809-7**					
Laboratory ID:	08-054-05					
Aroclor 1016	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*74*	*33-122*				
Client ID:	**KM-12-0809-2**					
Laboratory ID:	08-054-07					
Aroclor 1016	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*33-122*				
Client ID:	**KM-5-0809-2.5**					
Laboratory ID:	08-054-10					
Aroclor 1016	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.064	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*33-122*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-5-0809-6.5**					
Laboratory ID:	08-054-11					
Aroclor 1016	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*33-122*				
Client ID:	**KM-6-0809-2**					
Laboratory ID:	08-054-13					
Aroclor 1016	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.054	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*33-122*				
Client ID:	**KM-6-0809-4**					
Laboratory ID:	08-054-14					
Aroclor 1016	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*33-122*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

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:	MB0814S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-14-09	8-14-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*33-122*				
Laboratory ID:	MB0814S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1221	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1232	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1242	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1248	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1254	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Aroclor 1260	**ND**	0.050	EPA 8082	8-14-09	8-18-09	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-054-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.398**	**0.416**	0.500	0.500	ND	**80**	**83**	24-125	4	18	
Surrogate:											
DCB						*81*	*85*	*33-122*			

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-7-0809-W**					
Laboratory ID:	08-054-03					
Aroclor 1016	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.051	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*39-128*				
Client ID:	**KM-5-0809-W**					
Laboratory ID:	08-054-12					
Aroclor 1016	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.053	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*106*	*39-128*				

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

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:	MB0812W1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1221	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1232	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1242	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1248	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1254	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Aroclor 1260	**ND**	0.050	EPA 8082	8-12-09	8-13-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*39-128*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0812W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.490**	**0.448**	0.500	0.500	N/A	**98**	**90**	58-113	9	11	
Surrogate:											
DCB						*103*	*96*	*39-128*			

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-01
Client ID: **KM-7-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	15
Barium	6010B	**75**	3.7
Cadmium	6010B	**ND**	0.74
Chromium	6010B	**32**	0.74
Lead	6010B	**24**	7.4
Mercury	7471A	**ND**	0.37
Selenium	6010B	**ND**	15
Silver	6010B	**ND**	0.74

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-02
Client ID: **KM-7-0809-7**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**41**	2.9
Cadmium	6010B	**ND**	0.57
Chromium	6010B	**8.0**	0.57
Lead	6010B	**ND**	5.7
Mercury	7471A	**ND**	0.29
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.57

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-04
Client ID: **KM-8-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	13
Barium	6010B	**61**	3.2
Cadmium	6010B	**ND**	0.65
Chromium	6010B	**20**	0.65
Lead	6010B	**12**	6.5
Mercury	7471A	**ND**	0.32
Selenium	6010B	**ND**	13
Silver	6010B	**ND**	0.65

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-05
Client ID: **KM-8-0809-7**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**28**	2.7
Cadmium	6010B	**ND**	0.54
Chromium	6010B	**7.4**	0.54
Lead	6010B	**ND**	5.4
Mercury	7471A	**ND**	0.27
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.54

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-07
Client ID: **KM-12-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**16**	2.6
Cadmium	6010B	**ND**	0.53
Chromium	6010B	**7.0**	0.53
Lead	6010B	**ND**	5.3
Mercury	7471A	**ND**	0.26
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.53

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-10
Client ID: **KM-5-0809-2.5**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	13
Barium	6010B	**24**	3.2
Cadmium	6010B	**ND**	0.64
Chromium	6010B	**6.1**	0.64
Lead	6010B	**ND**	6.4
Mercury	7471A	**ND**	0.32
Selenium	6010B	**ND**	13
Silver	6010B	**ND**	0.64

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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-11
Client ID: **KM-5-0809-6.5**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**20**	2.6
Cadmium	6010B	**ND**	0.53
Chromium	6010B	**6.3**	0.53
Lead	6010B	**ND**	5.3
Mercury	7471A	**ND**	0.26
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.53

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-13
Client ID: **KM-6-0809-2**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**37**	2.7
Cadmium	6010B	**ND**	0.54
Chromium	6010B	**10**	0.54
Lead	6010B	**ND**	5.4
Mercury	7471A	**ND**	0.27
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.54

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-14
Client ID: **KM-6-0809-4**

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	11
Barium	6010B	**26**	2.7
Cadmium	6010B	**ND**	0.53
Chromium	6010B	**8.4**	0.53
Lead	6010B	**ND**	5.3
Mercury	7471A	**ND**	0.27
Selenium	6010B	**ND**	11
Silver	6010B	**ND**	0.53

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0811S2&MB0817S2

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

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**19.0**	**19.1**	0	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**4.74**	**5.40**	13	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	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Date Extracted: 8-11&17-09
Date Analyzed: 8-11&18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-054-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.6**	95	**91.9**	92	3	
Barium	100	**114**	95	**113**	94	1	
Cadmium	50	**47.8**	96	**46.7**	93	2	
Chromium	100	**101**	96	**99.0**	94	2	
Lead	250	**244**	98	**239**	95	2	
Mercury	0.50	**0.466**	93	**0.448**	90	4	
Selenium	100	**94.7**	95	**88.8**	89	6	
Silver	25	**23.2**	93	**21.9**	88	6	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-054-03
Client ID: KM-7-0809-W

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

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-054-12
Client ID: KM-5-0809-W

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

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-10&13-09
Date Analyzed:	8-10&13-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0810W1&MB0813W1

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

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

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	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054
Project: 14697

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

Date Extracted: 8-10&13-09
Date Analyzed: 8-10&13-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-035-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**111**	101	**114**	104	3	
Barium	110	**116**	105	**121**	110	5	
Cadmium	110	**113**	103	**116**	105	2	
Chromium	110	**107**	97	**109**	99	2	
Lead	110	**109**	99	**116**	105	6	
Mercury	12.5	**10.8**	86	**10.5**	84	3	
Selenium	110	**112**	102	**116**	105	3	
Silver	110	**107**	97	**116**	106	8	

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

Date of Report: August 24, 2009
Samples Submitted: August 8, 2009
Lab Traveler: 0908-054
Project: 14697

% MOISTURE

Date Analyzed: 8-10-09

Client ID	Lab ID	% Moisture
KM-7-0809-2	08-054-01	32
KM-7-0809-7	08-054-02	13
KM-8-0809-2	08-054-04	23
KM-8-0809-7	08-054-05	8
KM-12-0809-2	08-054-07	5
KM-5-0809-2.5	08-054-10	22
KM-5-0809-6.5	08-054-11	5
KM-6-0809-2	08-054-13	7
KM-6-0809-4	08-054-14	6

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

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 gas.

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.

Z1 - The chromatogram is similar to gas with mineral spirits.

Z2 - The chromatogram is similar to mineral spirits.

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

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

Chain of Custody

Page 1 of 2

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec Geomatrix
Project Number: 14697
Project Name: Kelly Moore Phase II
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-054

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664						1-10LD	% Moisture
1	KM-7-0809-2	8/7/09	710	S	6		X	X	X		X		X			X									X
2	KM-7-0809-7		715	S	6		⊗	⊗	⊗		⊗		⊗			⊗								X	⊗
3	KM-7-0809-W		755	W	12		⊗	⊗	⊗		⊗		⊗			⊗								X	⊗
4	KM-8-0809-2		~~835~~ 855 CB	S	6		X	X	X		X		X			X									X
5	KM-8-0809-7		905	S	6		⊗	⊗	⊗		⊗		⊗			⊗								X	⊗
6	KM-8-0809-W		925	W	12		X	X	X		X		X			X								X	
7	KM-12-0809-2		1100	S	6		X	X	X		X		X			X									X
8	KM-12-0809-5		1115	S	6		X	X	X		X		X			X								⊗	X
9	KM-12-0809-W		1145	W	12		X	X	X		X		X			X								⊗	
10	KM-5-0809-25		1320	S	6		X	X	X		X		X			X									X

	Signature	Company	Date	Time
Relinquished by		Amec Geomatrix	8/8/09	1030
Received by		OSHo En	8/8/09	1030
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions

*Hold - ~~KM-7-0809-7~~ ~~KM-7-0809-W~~ ~~KM-8-0809-7~~ KM-8-0809-W) cancelled DB

⊗ Added 8/10/09. DB.

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Amec GMX
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-054

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	H2O	% Moisture
11	KM-5-0809-6.5	8/7/09	1330	S	6		X	X	X		X		X			X			X	X
12	KM-5-0809-W		1406	W	12		X	X	X		X		X			X				
13	KM-6-0809-2		1525	S	6		X	X	X		X		X			X				X
14	KM-6-0809-4		1535	S	6		X	X	X		X		X			X			X	X
15	KM-6-0809-W	↓	1610	W	12		X	X	X		X		X			X			X	

	Signature	Company	Date	Time
Relinquished by		Amec Geomatrix	8/8/09	1030
Received by		OnSite Env	8/8/09	1030
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:
* Hold KM-5-0809-6.5 Correct
KM-6-0809-4
KM-6-0809-W
⊗ Requested 8/10/09. DD

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

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

August 28, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0908-054B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 8, 2009.

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

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

Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

Case Narrative

Samples were collected on August 7, 2009, and received by the laboratory on August 8, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

Volatiles EPA 8260B Analysis

The analysis holding time for sample KM-8-0809-W was exceeded by seven days.

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.

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

Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-28-09
Date Analyzed:	8-28-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-054-06
Client ID:	**KM-8-0809-W**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-054-06
Client ID: KM-8-0809-W

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND	J	0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	18		0.20
m,p-Xylene	25		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	0.22		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	0.26		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	0.28		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	0.77		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	89	70-123

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

Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted:	8-28-09
Date Analyzed:	8-28-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0828W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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

Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB0828W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	80	70-123

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

Date of Report: August 28, 2009
Samples Submitted: August 8, 2009
Laboratory Reference: 0908-054B
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-28-09
Date Analyzed: 8-28-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0828W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	12.7	127	12.4	124	70-130	
Benzene	10.0	12.2	122	12.1	121	70-130	
Trichloroethene	10.0	10.6	106	10.1	101	70-123	
Toluene	10.0	11.6	116	11.4	114	77-120	
Chlorobenzene	10.0	9.84	98	9.71	97	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	21	
Benzene	1	18	
Trichloroethene	5	18	
Toluene	2	17	
Chlorobenzene	1	18	

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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z -

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

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

Memo

To:	Natasya Gray	Project:	14697
From:	Crystal Neirby	cc:	Project File
Date:	December 9, 2009		

Subject: Kelly Moore Paints – Soil and Groundwater Sampling – October and November 2009
Summary Data Quality Review – SDGs 0910-109, 0910-185, 0910-228, 0910-238, 0910-238B, 0911-103, 0911-132, 0911-192

This memorandum presents a summary data quality review for analyses of 43 soil samples, one hardened resin sample, one concrete sample, two groundwater samples, and four trip blanks collected from October 13 through November 24, 2009. The samples were submitted to OnSite Environmental Inc. (OnSite), a Washington State Department of Ecology (Ecology)-accredited laboratory, located in Redmond, Washington. The analyses were performed in general accordance with methods specified in the U.S. Environmental Protection Agency's (EPA's) Test Methods for Evaluating Solid Waste (SW-846) (EPA, 2008a). The samples were analyzed for one or more of the following analytes:

- Total petroleum hydrocarbons (TPH) as gasoline by Washington State Department of Ecology (Ecology) Method NWTPH-Gx,
- TPH as diesel extended by Ecology Method NWTPH-Dx with acid wash and silica gel cleanup,
- Volatile organic compounds (VOCs) by EPA Method 8260B,
- Semivolatile organic compounds (SVOCs) by EPA Method 8270 with polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 with selective ion monitoring (SIM),
- Polychlorinated biphenyls (PCBs) by EPA Method 8082,
- Total metals (Resource Conservation and Recovery Act [RCRA] 8 list) by EPA Method 6010B for soil samples and EPA Method 200.8 for water samples, with mercury analyzed using EPA Method 7471A for soil samples and EPA Method 7470A for water samples, and
- Toxicity Characteristic Leaching Procedure (TCLP) metals by EPA Method 6010B.

The samples associated with each sample delivery group (SDG) and a summary of the data quality review are presented in Table 1 (attached).

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AMEC Geomatrix

The samples were received within the acceptable temperature range of 4 ± 2°C, with the exception of samples received with SDG 0910-109, which were received at 22 °C. The sample was submitted the day of collection and results are not qualified due to the elevated temperature. There were no sample discrepancies noted by the laboratory upon receipt. Samples analyzed for TPH as gasoline and VOCs were collected according to EPA Method 5035A. As indicated by the laboratory, the samples were submitted in pre-weighed 40-milliliter (mL) vials within 48 hours of collection and stored frozen until extraction or analysis.

Data were reviewed in accordance with the appropriate method procedures. The most current control limits provided by the laboratory were used to evaluate the quality control data.

The following were reviewed to assess compliance with applicable methods and the laboratory procedures: hold times; method blanks, blank spike (BS) and blank spike duplicate (BSD) results; matrix spike/matrix spike duplicate (MS/MSD) results; surrogate recoveries; laboratory duplicate results; and reporting limits. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA guidance (EPA, 2004 and 2008).

Soil and groundwater samples were analyzed for TPH as gasoline, TPH as diesel, VOCs, SVOCs, PCBs, and total and TCLP metals by the methods identified in the introduction to this report and were evaluated for the following criteria.

1. Holding Times – Acceptable
2. Blanks – Acceptable except as noted:

   VOCs by EPA 8260B
   Trip blanks were submitted with the samples in SDGs 0910-185, 0910-228, 0910-238, and 0911-103. Chloroform was detected in all of the trip blanks at concentrations ranging from 0.20 µg/L to 0.34 µg/L. Chloroform was not detected in any of the associated samples; therefore, sample results are not affected and are not qualified.
3. BS/BSD – Acceptable

   The laboratory did not report blank spike results if acceptable MS/MSD or laboratory duplicate results were reported, following its standard operating procedure.
4. MS/MSD – Acceptable except as noted:

   Metals by EPA 6010B

   SDG 0910-185: The MS/MSD associated with sample PCS-1 was performed with a sample not associated with project samples. The aluminum recovery was greater than the control limits; sample results are not qualified based on the MS/MSD results since it is not representative of project sample matrices.

SDG 0911-192: The MS/MSD was performed using sample Concrete-Bldg7-1109. The MS/MSD recoveries for lead were 69 percent and 66 percent, less than the control limit of 75-125 percent. The lead result in sample Concrete-Bldg7-1109 was qualified as estimated and flagged with a "J".

5. Surrogates – Acceptable except as noted:

SVOCs by EPA 8270C

0910-185: The surrogate 2,4,6-tribromophenol was recovered greater than the control limits of 44 to 121 percent in the following samples: Tank3-B-1009 at 130 percent, Product-W1Wall-1009 at 133 percent, Tank4-B-1009 at 139 percent, Tank6-B-1009 at 137 percent, and Product-W2Wall-1009 at 137 percent. The laboratory standard operating procedure allows for one surrogate to be outside of acceptance limits as long as the recovery is greater than 10%. Sample results were not qualified since the remaining surrogates in all samples were within the control limits. The surrogate 2-fluorobiphenyl was recovered at 22 percent in sample Product-GW-1009 and at 23 percent in the MS/MSD performed with the same sample. The laboratory standard operating procedure allows for one surrogate to be outside of acceptance limits as long as the recovery is greater than 10%. Additionally, the MS/MSD results were within the control limits. Sample results were not qualified since the remaining surrogates were within the control limits.

0910-238: The surrogate 2-fluorophenol was recovered at 16 percent in sample NW Pipe-2.0-1009, less than the control limit of 19 to 97 percent. Additionally, the surrogate nitrobenzene was recovered at 136 percent in sample NW Pipe-0.5-1009, greater than the control limit of 21 to 106 percent. The laboratory standard operating procedure allows for one surrogate to be outside of acceptance limits as long as the recovery is greater than 10%. Sample results were not qualified since the remaining surrogates in both samples were within the control limits.

0911-192: The surrogates 2-fluorophenol, phenol-d6, and nitrobenzene-d5 were not recovered in sample B7-Trench2-1109 due to high concentrations of co-eluting compounds. The concentrations were not high enough to require dilution; therefore, the sample results were qualified as estimated and flagged with a "J".

TPH as Gasoline by NWTPH-Gx

0911-192: The surrogate was not recovered for samples B7-Trench1-1109 and B7-Trench2-1109 due to the necessary high dilution required to overcome high gasoline concentrations. Sample results were not qualified.

VOCs by EPA 8260B

0910-185: The surrogate 4-bromobenzene was recovered at 158 percent in sample Product-W2Wall-1009, greater than the control limit of 54 to 130 percent. Detected compounds in the sample were qualified as estimated and flagged with a "J".

0910-228: The surrogate 4-bromobenzene was recovered at 157 percent in sample Containment-WWall-1009, greater than the control limit of 54-130 percent. Detected compounds in the sample were qualified as estimated and flagged with a "J".

0911-192: The surrogate 4-bromobenzene was recovered at 140 percent in sample B7-Trench1-1109, greater than the control limit of 54-130 percent. Detected compounds in the sample were qualified as estimated and flagged with a "J".

6. Laboratory Duplicates – Acceptable except as noted:

Metals by EPA 6010B

SDG 0910-109: The cadmium duplicate relative percent difference (RPD) was 24 percent, greater than the control limit of 20 percent. The primary and duplicate sample results were not five times greater than the reporting limit; therefore, the control limit is not applicable. The difference between the primary and duplicate is less than the value of the reporting limit which satisfies the alternate evaluation criteria.

SDG 0910-228: The nickel RPD was 23 percent, greater than the control limit of 20 percent. The primary and duplicate sample results were not five times greater than the reporting limit; therefore, the control limit is not applicable. The difference between the primary and duplicate is less than the value of the reporting limit which satisfies the alternate evaluation criteria.

SDGs 0911-103 and 0911-132: The lead duplicate RPD was 32 percent, greater than the control limit of 20 percent. The primary and duplicate sample results were not five times greater than the reporting limit; therefore, the control limit is not applicable. The difference between the primary and duplicate is less than the value of the reporting limit which satisfies the alternate evaluation criteria.

SDG 0911-192: The lead duplicate RPD was 38 percent, greater than the control limit of 20 percent. The affected sample result (Concrete-Bldg7-1109) was previously qualified due to MS/MSD recoveries, and no further qualification is required.

7. Reporting Limits and Laboratory Qualifiers – Acceptable except as noted:

<u>VOCs by EPA 8260B:</u>
<u>SDG 0911-103:</u> The laboratory noted that the internal standard, 1,4-dichlorobenzene-d4, for soil sample TP4-1-1109 did not meet acceptance criteria because of matrix interference. The sample was reanalyzed with similar results. The laboratory stated that compounds from bromobenzene onward should be considered estimates. The compounds are not further qualified and are reported as estimated and flagged with a "J."

SDG 0911-192: The laboratory noted that the internal standard, 1,4-dichlorobenzene-d4, for soil sample B7-Trench1-1109 was not within the criteria because of matrix interference. The sample was reanalyzed with similar results. The laboratory stated that compounds from bromobenzene onward should be considered estimates. The compounds are not further qualified and are reported as estimated and flagged with a "J.

OVERALL ASSESSMENT OF DATA

The OnSite SDGs 0910-109, 0910-185, 0910-228, 0910-238, 0910-238B, 0911-103, 0911-132, 0911-192 are 100 percent complete. The data usability is based on EPA's guidance documents. Few problems were identified, and the analytical performance was generally within specified limits. The data are acceptable and meet the project's data quality objectives.

REFERENCES

EPA (U.S. Environmental Protection Agency), 2008a, Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846), Third Edition, September 1986; Final Update I, July 1992; Final Update IIA, August 1993; Final Update II, September 1994; Final Update IIB, January 1995; Final Update III, December 1996; Final Update IIIA, April 1998; Final Update IV, January 2008.

EPA, 2004, U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review: EPA 540-R-04-004, October.

EPA, 2008a, U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-08-001, June.

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Matrix	SDG	Qualified Analyte	Qualified Result	Units	Qualifier Reason
Concrete Coating-101309	Hardened Resin	0910-109	none			
Tank3-B-1009	Soil	0910-185	none			
Product-W1 Wall-1009	Soil	0910-185	none			
Tank4-B-1009	Soil	0910-185	none			
Tank5-B-1009	Soil	0910-185	none			
Stockpile-P1	Soil	0910-185	none			
Tank6-B-1009	Soil	0910-185	none			
Stockpile-P2	Soil	0910-185	none			
Tank7-B-1009	Soil	0910-185	none			
Product-W2 Wall-1009	Soil	0910-185	acetone ethylbenzene m,p-xylene o-xylene isopropylbenzene n-propylbenzene sec-butylbenzene n-butylbenzene	0.51 J 0.082 J 1.4 J 0.51 J 0.19 J 0.18 J 0.24 J 0.19 J	mg/Kg	surrogate recovery
Product-GW-1009	Water	0910-185	none			
Stockpile-P3	Soil	0910-185	none			
Tank8-B-1009	Soil	0910-185	none			
PCS-1	Soil	0910-185	none			
Tank9-B-1009	Soil	0910-185	none			
Product-N Wall-1009	Soil	0910-185	none			
Product-E1 Wall-1009	Soil	0910-185	none			
Product-E2 Wall-1009	Soil	0910-185	none			
Stockpile-P4	Soil	0910-185	none			
Stockpile-P5	Soil	0910-185	none			
Product-S Wall-1009	Soil	0910-185	none			
Trip Blank	Trip Blank	0910-185	none			
Tank1-B-1009	Soil	0910-228	none			
Containment-S Wall-1009	Soil	0910-228	none			
Contain-GW-1009	Water	0910-228	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Matrix	SDG	Qualified Analyte	Qualified Result	Units	Qualifier Reason
Tank2-B-1009	Soil	0910-228	none			
Containment-N Wall-1009	Soil	0910-228	none			
Containment-E Wall-1009	Soil	0910-228	none			
Containment-W Wall-1009	Soil	0910-228	acetone benzene ethylbenzene m,p-xylene o-xylene isopropylbenzene n-propylbenzene 1,3,5-trimethylbenzene tert-butylbenzene 1,2,4-trimethylbenzene sec-butylbenzene p-isopropyltoluene naphthalene	0.15 J 0.0020 J 0.072 J 0.25 J 0.11 J 0.044 J 0.047 J 0.029 J 0.0022 J 0.057 J 0.017 J 0.0040 J 0.013 J	mg/Kg	surrogate recovery
Pipe-1-1009	Soil	0910-228	none			
Stockpile-C1	Soil	0910-228	none			
PCS-2	Soil	0910-228	none			
Stockpile-C2	Soil	0910-228	none			
Stockpile-C3	Soil	0910-228	none			
Trip Blank	Trip Blank	0910-228	none			
NW Pipe-2.0-1009	Soil	0910-238 0910-238B	none			
NW Pipe-2.5-1009	Soil	0910-238 0910-238B	none			
NW Pipe-5.0-1009	Soil	0910-238	none			
NW Pipe-0.5-1009	Soil	0910-238 0910-238B	none			
Trip Blank	Trip Blank	0910-238	none			
TP4-8-1109	Soil	0911-103	none			
Product-W2b Wall-1109	Soil	0911-103	none			
Product-W1b Wall-1109	Soil	0911-103	none			
Tank4-B2-1109	Soil	0911-103	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Matrix	SDG	Qualified Analyte	Qualified Result	Units	Qualifier Reason
TP4-1-1109	Soil	0911-103	bromobenzene 1,1,2,2-tetrachloroethane 1,2,3-trichloropropane n-propylbenzene 2-chlorotoluene 4-chlorotoluene 1,3,5-trimethylbenzene tert-butylbenzene 1,2,4-trimethylbenzene sec-butylbenzene 1,3-dichlorobenzene p-isopropyltoluene 1,4-dichlorobenzene 1,2-dichlorobenzene n-butylbenzene 1,2-dibromo-3-chloropropane 1,2,4-trichlorobenzene hexachlorobutadiene naphthalene 1,2,3-trichlorobenzene	0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.0027 UJ 0.013 UJ 0.0027 UJ 0.013 UJ 0.0027 UJ 0.0027 UJ	mg/Kg	Internal standard recovery
Trip Blank	Trip Blank	0911-103	none			
Pipe C1-1109	Soil	0911-132	none			
Concrete-Bldg7-1109	Concrete	0911-192	lead	85 J	mg/Kg	MS/MSD recovery
B7-Trench1-1109	Soil	0911-192	toluene ethylbenzene m,p-xylene o-xylene isopropylbenzene n-propylbenzene 1,3,5-trimethylbenzene 1,2,4-trimethylbenzene sec-butylbenzene p-isopropyltoluene n-butylbenzene	11 J 1.8 J 17 J 3.6 J 1.4 J 4.8 J 20 J 62 J 2.2 J 3.0 J 10 J	mg/Kg	surrogate recovery
B7-Trench2-1109	Soil	0911-192	all SVOCs	J or UJ	mg/Kg	surrogate recoveries

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Sample ID	Matrix	SDG	Qualified Analyte	Qualified Result	Units	Qualifier Reason
B7-Trench3-1109	Soil	0911-192	bromobenzene	0.0012 UJ	mg/Kg	Internal standard recovery
			1,1,2,2-tetrachloroethane	0.0012 UJ		
			1,2,3-trichloropropane	0.0012 UJ		
			n-propylbenzene	0.0012 UJ		
			2-chlorotoluene	0.0012 UJ		
			4-chlorotoluene	0.0012 UJ		
			1,3,5-trimethylbenzene	0.0013 J		
			tert-butylbenzene	0.0012 UJ		
			1,2,4-trimethylbenzene	0.0018 J		
			sec-butylbenzene	0.0012 UJ		
			1,3-dichlorobenzene	0.0012 UJ		
			p-isopropyltoluene	0.0012 UJ		
			1,4-dichlorobenzene	0.0012 UJ		
			1,2-dichlorobenzene	0.0012 UJ		
			n-butylbenzene	0.0012 UJ		
			1,2-dibromo-3-chloropropane	0.0058 UJ		
			1,2,4-trichlorobenzene	0.0012 UJ		
			hexachlorobutadiene	0.0058 UJ		
			naphthalene	0.0012 UJ		
			1,2,3-trichlorobenzenene	0.0012 UJ		

OnSite Environmental Inc.
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November 2, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-185

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 23, 2009.

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

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

Case Narrative
page 1 of 2

Samples were collected on October 20, 21, and 22, 2009, and received by the laboratory on October 23, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (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.

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.

Some MTCA A cleanup levels are non-achievable for sample PCS-1 due to the necessary dilution of the sample.

The Matrix Spike/Matrix Spike Duplicate recoveries for Toluene are outside control limits possibly due to a non-homogenous sample. The Spike Blank/Spike Blank Duplicate is also reported with normal Toluene recoveries. This QC set affects samples Stockpile P4 and Stockpile P5.

Some MTCA Method A cleanup levels are non-achievable for samples Product-W1 Wall-1009, Tank6-B-1009, Product-W2 Wall-1009, and Product-N Wall-1009 due to the necessary dilution of the samples.

Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample Product-W2 Wall-1009 due to the high concentration of co-eluting compounds.

Total Metals EPA 6020/7471A Analysis

For sample PCS-1, due to the high concentration of Aluminum in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 94%.

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

Case Narrative
page 2 of 2

Semivolatiles EPA 8270D/SIM (soil) Analysis

Samples Tank 3-B-1009, Product-W1 Wall-1009, Tank 4-B-1009, Tank 6-B-1009 and Product-W2 Wall-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

Semivolatiles EPA 8270D/SIM (water) Analysis

The MS/MSD pair and the sample Product-GW-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation 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.

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13				
Client ID:	**PCS-1**				
TPH-Gas	**490**	13	10-23-09	10-23-09	Z
Surrogate: Fluorobenzene	99%	53-126			

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1023S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	101%		

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-181-01 **Original**	10-181-01 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	96%		

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05				
Client ID:	**Stockpile-P1**				
TPH-Gas	**ND**	4.9	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-07				
Client ID:	**Stockpile-P2**				
TPH-Gas	**9.8**	4.9	10-26-09	10-26-09	
Surrogate: Fluorobenzene	91%	53-126			
Lab ID:	10-185-11				
Client ID:	**Stockpile-P3**				
TPH-Gas	**ND**	6.8	10-26-09	10-26-09	
Surrogate: Fluorobenzene	104%	53-126			
Lab ID:	10-185-18				
Client ID:	**Stockpile-P4**				
TPH-Gas	**ND**	5.3	10-26-09	10-26-09	
Surrogate: Fluorobenzene	93%	53-126			
Lab ID:	10-185-19				
Client ID:	**Stockpile-P5**				
TPH-Gas	**ND**	6.7	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0

Surrogate Recovery:
Fluorobenzene 96%

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-19 **Original**	10-185-19 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	95%	96%		

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01				
Client ID:	**Tank3-B-1009**				
TPH-Gas	**ND**	6.7	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-02				
Client ID:	**Product-W1Wall-1009**				
TPH-Gas	**450**	6.7	10-26-09	10-26-09	Z
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-03				
Client ID:	**Tank4-B-1009**				
TPH-Gas	**36**	7.4	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	99%	53-126			
Lab ID:	10-185-04				
Client ID:	**Tank5-B-1009**				
TPH-Gas	**ND**	7.6	10-26-09	10-26-09	
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-06				
Client ID:	**Tank6-B-1009**				
TPH-Gas	**180**	6.2	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-08				
Client ID:	**Tank7-B-1009**				
TPH-Gas	**ND**	5.3	10-26-09	10-27-09	
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-09				
Client ID:	**Product-W2Wall-1009**				
TPH-Gas	**3600**	140	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	87%	53-126			
Lab ID:	10-185-12				
Client ID:	**Tank8-B-1009**				
TPH-Gas	**ND**	7	10-26-09	10-27-09	
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-14				
Client ID:	**Tank9-B-1009**				
TPH-Gas	**28**	7.4	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-15				
Client ID:	**Product-NWall-1009**				
TPH-Gas	**100**	7.5	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-16				
Client ID:	**Product-E1Wall-1009**				
TPH-Gas	**ND**	6.7	10-26-09	10-27-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-17				
Client ID:	**Product-E2Wall-1009**				
TPH-Gas	**ND**	6.3	10-26-09	10-27-09	
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-20				
Client ID:	**Product-SWall-1009**				
TPH-Gas	**9.8**	7.7	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	95%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MD1026S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	95%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-18 **Original**	10-185-18 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	93%	98%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-19 **Original**	10-185-19 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	95%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10				
Client ID:	**Product-GW-1009**				
TPH-Gas	**200000**	25000	10-26-09	10-26-09	
Surrogate: Fluorobenzene	97%	74-121			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1026W1

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 96%

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	10-185-10 **Original**	10-185-10 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**198000**	**186000**	6	
Surrogate Recovery:				
Fluorobenzene	97%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13				
Client ID:	**PCS-1**				
Diesel Range	**ND**	28	10-23-09	10-23-09	Y
Lube Oil	**90**	56	10-23-09	10-23-09	Y
Surrogate: o-terphenyl	78%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1023S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	96%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-157-34	10-157-34 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	104%	71%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05				
Client ID:	**Stockpile-P1**				
Diesel Range	**ND**	27	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	53	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	123%	50-150			
Lab ID:	10-185-07				
Client ID:	**Stockpile-P2**				
Diesel Range	**ND**	26	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	52	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	56%	50-150			
Lab ID:	10-185-11				
Client ID:	**Stockpile-P3**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	111%	50-150			
Lab ID:	10-185-18				
Client ID:	**Stockpile-P4**				
Diesel Range	**ND**	26	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	52	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	115%	50-150			
Lab ID:	10-185-19				
Client ID:	**Stockpile-P5**				
Diesel Range	**ND**	27	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	54	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	110%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1027S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	119%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-185-19	10-185-19 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	110%	86%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01				
Client ID:	**Tank3-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	104%	50-150			
Lab ID:	10-185-02				
Client ID:	**Product-W1 Wall-1009**				
Diesel Range	**ND**	320	10-27-09	10-27-09	Y,U1
Lube Oil	**61**	55	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	125%	50-150			
Lab ID:	10-185-03				
Client ID:	**Tank4-B-1009**				
Diesel Range Organics	**ND**	36	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	64	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	114%	50-150			
Lab ID:	10-185-04				
Client ID:	**Tank5-B-1009**				
Diesel Range	**ND**	30	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	60	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	116%	50-150			
Lab ID:	10-185-06				
Client ID:	**Tank6-B-1009**				
Diesel Range Organics	**ND**	30	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	66%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-08				
Client ID:	**Tank7-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	57	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	96%	50-150			
Lab ID:	10-185-09				
Client ID:	**Product-W2 Wall-1009**				
Diesel Range	**ND**	1500	10-27-09	10-27-09	Y,U1
Lube Oil	**62**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	103%	50-150			
Lab ID:	10-185-12				
Client ID:	**Tank8-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	59	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	95%	50-150			
Lab ID:	10-185-14				
Client ID:	**Tank9-B-1009**				
Diesel Range Organics	**ND**	88	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	61	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	103%	50-150			
Lab ID:	10-185-15				
Client ID:	**Product-N wall-1009**				
Diesel Range	**ND**	32	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	64	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	94%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-16				
Client ID:	**Product-E1 Wall-1009**				
Diesel Range	**ND**	28	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	106%	50-150			
Lab ID:	10-185-17				
Client ID:	**Product-E2 Wall-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	88%	50-150			
Lab ID:	10-185-20				
Client ID:	**Product-S wall-1009**				
Diesel Range	**ND**	30	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	61	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	115%	50-150			

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1027S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	119%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
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Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-18	10-185-18 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	115%	123%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-185-19	10-185-19 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	110%	86%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10				
Client ID:	**Product-GW-1009**				
Diesel Range	**ND**	1.8	10-23-09	10-23-09	Y,U1
Lube Oil	**0.45**	0.43	10-23-09	10-23-09	Y
Surrogate: o-terphenyl	89%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB1023W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	90%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Water
Units:	mg/L (ppm)

Lab ID:	10-185-10	10-185-10 DUP
Diesel Range:	**ND**	**ND**
PQL:	1.8	1.1
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	89%	87%
Flags:	Y,U1	Y,U1

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Date of Report: November 2, 2009
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Pyridine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Phenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Aniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Isophorone	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Naphthalene	**0.0083**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Methylnaphthalene	**0.010**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
1-Methylnaphthalene	**0.0095**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
Acenaphthene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Fluorene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
Phenanthrene	**0.046**	0.037	EPA 8270	10-23-09	10-23-09	
Anthracene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Carbazole	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Fluoranthene	**0.057**	0.037	EPA 8270	10-23-09	10-23-09	
Benzidine	**ND**	0.37	EPA 8270	10-23-09	10-23-09	
Pyrene	**0.066**	0.037	EPA 8270	10-23-09	10-23-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-23-09	10-23-09	
Benzo[a]anthracene	**0.040**	0.037	EPA 8270	10-23-09	10-23-09	
Chrysene	**0.052**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Ethylhexyl)phthalate	**0.051**	0.037	EPA 8270	10-23-09	10-23-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Benzo[b]fluoranthene	**0.077**	0.037	EPA 8270	10-23-09	10-23-09	
Benzo[k]fluoranthene	**0.016**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[a]pyrene	**0.044**	0.037	EPA 8270	10-23-09	10-23-09	
Indeno[1,2,3-cd]pyrene	**0.025**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Dibenz[a,h]anthracene	**0.010**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[g,h,i]perylene	**0.041**	0.037	EPA 8270	10-23-09	10-23-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*61*	*21 - 106*				
2-Fluorobiphenyl	*76*	*29 - 107*				
2,4,6-Tribromophenol	*105*	*44 - 121*				
Terphenyl-d14	*83*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1023S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Pyridine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Phenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Aniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Isophorone	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1023S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Carbazole	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzidine	**ND**	0.33	EPA 8270	10-23-09	10-23-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-23-09	10-23-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*66*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*74*	*29 - 107*				
2,4,6-Tribromophenol	*103*	*44 - 121*				
Terphenyl-d14	*84*	*37 - 120*				

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-13										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.00**	**1.02**	1.33	1.33	ND	75	77	38 - 97	2	30	
2-Chlorophenol	**1.06**	**1.09**	1.33	1.33	ND	80	82	28 - 102	3	38	
1,4-Dichlorobenzene	**0.499**	**0.534**	0.667	0.667	ND	75	80	14 - 84	7	41	
N-Nitroso-di-n-propylamine	**0.530**	**0.547**	0.667	0.667	ND	79	82	25 - 104	3	39	
1,2,4-Trichlorobenzene	**0.542**	**0.577**	0.667	0.667	ND	81	87	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.19**	**1.24**	1.33	1.33	ND	89	93	49 - 113	4	31	
Acenaphthene	**0.575**	**0.599**	0.667	0.667	ND	86	90	37 - 101	4	40	
4-Nitrophenol	**1.32**	**1.33**	1.33	1.33	ND	99	100	30 - 136	1	31	
2,4-Dinitrotoluene	**0.677**	**0.696**	0.667	0.667	ND	101	104	36 - 122	3	32	
Pentachlorophenol	**1.43**	**1.35**	1.33	1.33	ND	108	102	15 - 143	6	34	
Pyrene	**0.700**	**0.697**	0.667	0.667	0.0590	96	96	24 - 138	0	39	
Surrogate:											
2-Fluorophenol						*71*	*71*	*19 - 97*			
Phenol-d6						*68*	*68*	*22 - 108*			
Nitrobenzene-d5						*69*	*71*	*21 - 106*			
2-Fluorobiphenyl						*79*	*83*	*29 - 107*			
2,4,6-Tribromophenol						*113*	*111*	*44 - 121*			
Terphenyl-d14						*88*	*87*	*37 - 120*			

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P1**					
Laboratory ID:	10-185-05					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P1**					
Laboratory ID:	10-185-05					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.35	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.020**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.026**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.055**	0.035	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.011**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.023**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.0081**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.021**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*78*	*22 - 108*				
Nitrobenzene-d5	*76*	*21 - 106*				
2-Fluorobiphenyl	*87*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P2**					
Laboratory ID:	10-185-07					
N-Nitrosodimethylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
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Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P2**					
Laboratory ID:	10-185-07					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.34	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.34	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.014**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**0.036**	0.034	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.025**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.0070**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.011**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*69*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*113*	*44 - 121*				
Terphenyl-d14	*92*	*37 - 120*				

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Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P3**					
Laboratory ID:	10-185-11					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P3**					
Laboratory ID:	10-185-11					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.028**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.061**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.015**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.016**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*73*	*21 - 106*				
2-Fluorobiphenyl	*84*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P4**					
Laboratory ID:	10-185-18					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P4**					
Laboratory ID:	10-185-18					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.35	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.011**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**0.016**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.036**	0.035	EPA 8270	10-26-09	10-27-09	
Benzo[k]fluoranthene	**0.0076**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**0.015**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**0.014**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*106*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P5**					
Laboratory ID:	10-185-19					
N-Nitrosodimethylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P5**					
Laboratory ID:	10-185-19					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.011**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.36	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.010**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**0.013**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**0.016**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.029**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**0.013**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**0.010**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**0.012**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*79*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*100*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*116*	*44 - 121*				
Terphenyl-d14	*106*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-19										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.10**	**1.07**	1.33	1.33	ND	83	80	38 - 97	3	30	
2-Chlorophenol	**1.22**	**1.16**	1.33	1.33	ND	92	87	28 - 102	5	38	
1,4-Dichlorobenzene	**0.573**	**0.538**	0.667	0.667	ND	86	81	14 - 86	6	41	
N-Nitroso-di-n-propylamine	**0.494**	**0.474**	0.667	0.667	ND	74	71	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.608**	**0.574**	0.667	0.667	ND	91	86	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.32**	**1.22**	1.33	1.33	ND	99	92	49 - 113	8	31	
Acenaphthene	**0.599**	**0.587**	0.667	0.667	ND	90	88	37 - 101	2	40	
4-Nitrophenol	**1.57**	**1.53**	1.33	1.33	ND	118	115	30 - 136	3	31	
2,4-Dinitrotoluene	**0.736**	**0.730**	0.667	0.667	ND	110	109	36 - 122	1	32	
Pentachlorophenol	**1.33**	**1.29**	1.33	1.33	ND	100	97	15 - 143	3	34	
Pyrene	**0.700**	**0.704**	0.667	0.667	ND	105	106	24 - 138	1	39	
Surrogate:											
2-Fluorophenol						*83*	*79*	*19 - 97*			
Phenol-d6						*76*	*72*	*22 - 108*			
Nitrobenzene-d5						*76*	*70*	*21 - 106*			
2-Fluorobiphenyl						*84*	*82*	*29 - 107*			
2,4,6-Tribromophenol						*120*	*117*	*44 - 121*			
Terphenyl-d14						*102*	*100*	*37 - 120*			

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 3-B-1009**					
Laboratory ID:	10-185-01					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 3-B-1009**					
Laboratory ID:	10-185-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.010**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**0.010**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.10**	0.039	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.093**	0.039	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.061**	0.039	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.083**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.13**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.043**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.079**	0.039	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.067**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.020**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.080**	0.039	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*89*	*19 - 97*				
Phenol-d6	*84*	*22 - 108*				
Nitrobenzene-d5	*83*	*21 - 106*				
2-Fluorobiphenyl	*92*	*29 - 107*				
2,4,6-Tribromophenol	*130*	*44 - 121*				Q
Terphenyl-d14	*107*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1 Wall-1009**					
Laboratory ID:	10-185-02					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.014**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.071**	0.037	EPA 8270	10-26-09	10-26-09	
1-Methylnaphthalene	**0.039**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1 Wall-1009**					
Laboratory ID:	10-185-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.040**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.23**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.038**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.21**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.20**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.073**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.089**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.085**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.020**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.062**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.027**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.011**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.042**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*88*	*19 - 97*				
Phenol-d6	*82*	*22 - 108*				
Nitrobenzene-d5	*78*	*21 - 106*				
2-Fluorobiphenyl	*90*	*29 - 107*				
2,4,6-Tribromophenol	*133*	*44 - 121*				Q
Terphenyl-d14	*106*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B-1009**					
Laboratory ID:	10-185-03					
N-Nitrosodimethylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.064**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.013**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.0086**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**0.056**	0.043	EPA 8270	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B-1009**					
Laboratory ID:	10-185-03					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.020**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.057**	0.043	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.33**	0.043	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.18**	0.043	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**1.5**	0.043	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.43	EPA 8270	10-26-09	10-26-09	
Pyrene	**2.0**	0.043	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.43	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.90**	0.043	EPA 8270	10-26-09	10-26-09	
Chrysene	**1.3**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**1.7**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.53**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**1.8**	0.043	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**1.3**	0.043	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.068**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**1.7**	0.043	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*75*	*21 - 106*				
2-Fluorobiphenyl	*90*	*29 - 107*				
2,4,6-Tribromophenol	*139*	*44 - 121*				Q
Terphenyl-d14	*118*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 5-B-1009**					
Laboratory ID:	10-185-04					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 5-B-1009**					
Laboratory ID:	10-185-04					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.40	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*76*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*81*	*29 - 107*				
2,4,6-Tribromophenol	*119*	*44 - 121*				
Terphenyl-d14	*101*	*37 - 120*				

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 6-B-1009**					
Laboratory ID:	10-185-06					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.026**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.013**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.0085**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 6-B-1009**					
Laboratory ID:	10-185-06					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.010**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.022**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.10**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.090**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.017**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.061**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*90*	*19 - 97*				
Phenol-d6	*86*	*22 - 108*				
Nitrobenzene-d5	*81*	*21 - 106*				
2-Fluorobiphenyl	*95*	*29 - 107*				
2,4,6-Tribromophenol	*137*	*44 - 121*				Q
Terphenyl-d14	*108*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 7-B-1009**					
Laboratory ID:	10-185-08					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 7-B-1009**					
Laboratory ID:	10-185-08					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.0098**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.38	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.0096**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.011**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.014**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.024**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.013**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.0091**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.011**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*69*	*21 - 106*				
2-Fluorobiphenyl	*81*	*29 - 107*				
2,4,6-Tribromophenol	*120*	*44 - 121*				
Terphenyl-d14	*97*	*37 - 120*				

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2 Wall-1009**					
Laboratory ID:	10-185-09					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.0096**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.0076**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2 Wall-1009**					
Laboratory ID:	10-185-09					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.13**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.019**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.21**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.055**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.56**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.54**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.30**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.30**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.088**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.22**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.14**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*77*	*21 - 106*				
2-Fluorobiphenyl	*93*	*29 - 107*				
2,4,6-Tribromophenol	*137*	*44 - 121*				Q
Terphenyl-d14	*105*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 8-B-1009**					
Laboratory ID:	10-185-12					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 8-B-1009**					
Laboratory ID:	10-185-12					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.018**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.017**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.041**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.066**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.016**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.025**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.021**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.0093**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.024**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*114*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 9-B-1009**					
Laboratory ID:	10-185-14					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.024**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.0099**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 9-B-1009**					
Laboratory ID:	10-185-14					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.058**	0.037	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.14**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.28**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.086**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**0.049**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.084**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.015**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.069**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*60*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*54*	*21 - 106*				
2-Fluorobiphenyl	*72*	*29 - 107*				
2,4,6-Tribromophenol	*119*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-N Wall-1009**					
Laboratory ID:	10-185-15					
N-Nitrosodimethylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.028**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.019**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.012**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-N Wall-1009**					
Laboratory ID:	10-185-15					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.025**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.050**	0.042	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.75**	0.042	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.064**	0.042	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.52**	0.042	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.42	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.44**	0.042	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.42	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.16**	0.042	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.23**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.18**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.063**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.13**	0.042	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.062**	0.042	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.024**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.079**	0.042	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*64*	*19 - 97*				
Phenol-d6	*63*	*22 - 108*				
Nitrobenzene-d5	*57*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*117*	*44 - 121*				
Terphenyl-d14	*95*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E1 Wall-1009**					
Laboratory ID:	10-185-16					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E1 Wall-1009**					
Laboratory ID:	10-185-16					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*72*	*19 - 97*				
Phenol-d6	*70*	*22 - 108*				
Nitrobenzene-d5	*65*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*104*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E2 Wall-1009**					
Laboratory ID:	10-185-17					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E2 Wall-1009**					
Laboratory ID:	10-185-17					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.38	EPA 8270	10-26-09	10-27-09	
Pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*75*	*19 - 97*				
Phenol-d6	*70*	*22 - 108*				
Nitrobenzene-d5	*65*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*109*	*44 - 121*				
Terphenyl-d14	*98*	*37 - 120*				

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-5 Wall-1009**					
Laboratory ID:	10-185-20					
N-Nitrosodimethylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-5 Wall-1009**					
Laboratory ID:	10-185-20					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.017**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.41	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.016**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.41	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.0088**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*81*	*19 - 97*				
Phenol-d6	*77*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*83*	*29 - 107*				
2,4,6-Tribromophenol	*120*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*116*	*44 - 121*				
Terphenyl-d14	*106*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-19										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.10**	**1.07**	1.33	1.33	ND	83	80	38 - 97	3	30	
2-Chlorophenol	**1.22**	**1.16**	1.33	1.33	ND	92	87	28 - 102	5	38	
1,4-Dichlorobenzene	**0.573**	**0.538**	0.667	0.667	ND	86	81	14 - 86	6	41	
N-Nitroso-di-n-propylamine	**0.494**	**0.474**	0.667	0.667	ND	74	71	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.608**	**0.574**	0.667	0.667	ND	91	86	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.32**	**1.22**	1.33	1.33	ND	99	92	49 - 113	8	31	
Acenaphthene	**0.599**	**0.587**	0.667	0.667	ND	90	88	37 - 101	2	40	
4-Nitrophenol	**1.57**	**1.53**	1.33	1.33	ND	118	115	30 - 136	3	31	
2,4-Dinitrotoluene	**0.736**	**0.730**	0.667	0.667	ND	110	109	36 - 122	1	32	
Pentachlorophenol	**1.33**	**1.29**	1.33	1.33	ND	100	97	15 - 143	3	34	
Pyrene	**0.700**	**0.704**	0.667	0.667	ND	105	106	24 - 138	1	39	
Surrogate:											
2-Fluorophenol						*83*	*79*	*19 - 97*			
Phenol-d6						*76*	*72*	*22 - 108*			
Nitrobenzene-d5						*76*	*70*	*21 - 106*			
2-Fluorobiphenyl						*84*	*82*	*29 - 107*			
2,4,6-Tribromophenol						*120*	*117*	*44 - 121*			
Terphenyl-d14						*102*	*100*	*37 - 120*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	**Product-GW-1009**					
Laboratory ID:	10-185-10					
N-Nitrosodimethylamine	**ND**	10	EPA 8270	10-26-09	10-28-09	
Pyridine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Phenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
Aniline	**ND**	51	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroethyl)ether	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Chlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,3-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,4-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Benzyl alcohol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Methylphenol (o-Cresol)	**14**	10	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroisopropyl)ether	**ND**	10	EPA 8270	10-26-09	10-28-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	10	EPA 8270	10-26-09	10-28-09	
N-Nitroso-di-n-propylamine	**ND**	10	EPA 8270	10-26-09	10-28-09	
Hexachloroethane	**ND**	10	EPA 8270	10-26-09	10-28-09	
Nitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Isophorone	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Nitrophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dimethylphenol	**12**	10	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroethoxy)methane	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2,4-Trichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Naphthalene	**0.93**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4-Chloroaniline	**ND**	100	EPA 8270	10-26-09	10-28-09	
Hexachlorobutadiene	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Chloro-3-methylphenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Methylnaphthalene	**1.8**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
1-Methylnaphthalene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Hexachlorocyclopentadiene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4,6-Trichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3-Dichloroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4,5-Trichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Chloronaphthalene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,4-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Dimethylphthalate	**32**	10	EPA 8270	10-26-09	10-28-09	
1,3-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,6-Dinitrotoluene	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Acenaphthylene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
3-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-GW-1009**					
Laboratory ID:	10-185-10					
2,4-Dinitrophenol	**ND**	100	EPA 8270	10-26-09	10-28-09	
Acenaphthene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4-Nitrophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dinitrotoluene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Dibenzofuran	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3,5,6-Tetrachlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3,4,6-Tetrachlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
Diethylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Chlorophenyl-phenylether	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
Fluorene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4,6-Dinitro-2-methylphenol	**ND**	51	EPA 8270	10-26-09	10-28-09	
N-Nitrosodiphenylamine	**ND**	100	EPA 8270	10-26-09	10-28-09	
1,2-Diphenylhydrazine	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Bromophenyl-phenylether	**ND**	10	EPA 8270	10-26-09	10-28-09	
Hexachlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Pentachlorophenol	**ND**	51	EPA 8270	10-26-09	10-28-09	
Phenanthrene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Anthracene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Carbazole	**ND**	10	EPA 8270	10-26-09	10-28-09	
Di-n-butylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Fluoranthene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Benzidine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Pyrene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Butylbenzylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
bis-2-Ethylhexyladipate	**ND**	10	EPA 8270	10-26-09	10-28-09	
3,3'-Dichlorobenzidine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Benzo[a]anthracene	**0.30**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Chrysene	**0.37**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
bis(2-Ethylhexyl)phthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Di-n-octylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Benzo[b]fluoranthene	**0.65**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[k]fluoranthene	**0.20**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[a]pyrene	**0.37**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Indeno[1,2,3-cd]pyrene	**0.25**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Dibenz[a,h]anthracene	**0.12**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[g,h,i]perylene	**0.29**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*17*	*12 - 91*				
Phenol-d6	*45*	*10 - 102*				
Nitrobenzene-d5	*84*	*27 - 115*				
2-Fluorobiphenyl	*22*	*37 - 111*				Q
2,4,6-Tribromophenol	*86*	*48 - 121*				
Terphenyl-d14	*86*	*47 - 116*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	10	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*52*	*12 - 91*				
Phenol-d6	*37*	*10 - 102*				
Nitrobenzene-d5	*68*	*27 - 115*				
2-Fluorobiphenyl	*74*	*37 - 111*				
2,4,6-Tribromophenol	*107*	*48 - 121*				
Terphenyl-d14	*87*	*47 - 116*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-10										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**23.9**	**24.2**	42.6	42.2	ND	56	57	27 - 116	1	27	
2-Chlorophenol	**42.1**	**42.1**	42.6	42.2	ND	99	100	30 - 120	0	27	
1,4-Dichlorobenzene	**19.6**	**19.7**	21.3	21.1	ND	92	93	27 - 95	1	33	
N-Nitroso-di-n-propylamine	**23.7**	**21.6**	21.3	21.1	ND	111	102	23 - 113	9	36	
1,2,4-Trichlorobenzene	**19.4**	**20.0**	21.3	21.1	ND	91	95	27 - 97	3	38	
4-Chloro-3-methylphenol	**31.5**	**32.4**	42.6	42.2	ND	74	77	41 - 133	3	13	
Acenaphthene	**21.1**	**19.8**	21.3	21.1	ND	99	94	41 - 115	6	14	
4-Nitrophenol	**25.9**	**22.0**	42.6	42.2	ND	61	52	18 - 140	16	39	
2,4-Dinitrotoluene	**17.6**	**18.8**	21.3	21.1	ND	83	89	33 - 135	7	18	
Pentachlorophenol	**53.8**	**43.6**	42.6	42.2	ND	126	103	25 - 151	23	37	
Pyrene	**20.5**	**19.6**	21.3	21.1	ND	96	93	62 - 118	4	16	
Surrogate:											
2-Fluorophenol						*17*	*16*	*12 - 91*			
Phenol-d6						*48*	*48*	*10 - 102*			
Nitrobenzene-d5						*84*	*84*	*27 - 115*			
2-Fluorobiphenyl						*23*	*23*	*37 - 111*			Q
2,4,6-Tribromophenol						*109*	*106*	*48 - 121*			
Terphenyl-d14						*90*	*88*	*47 - 116*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13
Client ID: PCS-1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.060
Chloromethane	ND		0.30
Vinyl Chloride	ND		0.060
Bromomethane	ND		0.060
Chloroethane	ND		0.30
Trichlorofluoromethane	ND		0.060
1,1-Dichloroethene	ND		0.060
Acetone	ND		0.30
Iodomethane	ND		0.30
Carbon Disulfide	ND		0.060
Methylene Chloride	ND		0.30
(trans) 1,2-Dichloroethene	ND		0.060
Methyl t-Butyl Ether	ND		0.060
1,1-Dichloroethane	ND		0.060
Vinyl Acetate	ND		0.30
2,2-Dichloropropane	ND		0.060
(cis) 1,2-Dichloroethene	ND		0.060
2-Butanone	ND		0.30
Bromochloromethane	ND		0.060
Chloroform	ND		0.060
1,1,1-Trichloroethane	ND		0.060
Carbon Tetrachloride	ND		0.060
1,1-Dichloropropene	ND		0.060
Benzene	ND		0.060
1,2-Dichloroethane	ND		0.060
Trichloroethene	ND		0.060
1,2-Dichloropropane	ND		0.060
Dibromomethane	ND		0.060
Bromodichloromethane	ND		0.060
2-Chloroethyl Vinyl Ether	ND		0.30
(cis) 1,3-Dichloropropene	ND		0.060
Methyl Isobutyl Ketone	ND		0.30
Toluene	ND		0.30
(trans) 1,3-Dichloropropene	ND		0.060

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Lab ID: 10-185-13
Client ID: PCS-1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.060
Tetrachloroethene	ND		0.060
1,3-Dichloropropane	ND		0.060
2-Hexanone	ND		0.30
Dibromochloromethane	ND		0.060
1,2-Dibromoethane	ND		0.060
Chlorobenzene	ND		0.060
1,1,1,2-Tetrachloroethane	ND		0.060
Ethylbenzene	0.066		0.060
m,p-Xylene	0.37		0.12
o-Xylene	0.092		0.060
Styrene	ND		0.060
Bromoform	ND		0.060
Isopropylbenzene	ND		0.060
Bromobenzene	ND		0.060
1,1,2,2-Tetrachloroethane	ND		0.060
1,2,3-Trichloropropane	ND		0.060
n-Propylbenzene	ND		0.060
2-Chlorotoluene	ND		0.060
4-Chlorotoluene	ND		0.060
1,3,5-Trimethylbenzene	ND		0.060
tert-Butylbenzene	ND		0.060
1,2,4-Trimethylbenzene	0.090		0.060
sec-Butylbenzene	ND		0.060
1,3-Dichlorobenzene	ND		0.060
p-Isopropyltoluene	ND		0.060
1,4-Dichlorobenzene	ND		0.060
1,2-Dichlorobenzene	ND		0.060
n-Butylbenzene	ND		0.060
1,2-Dibromo-3-chloropropane	ND		0.30
1,2,4-Trichlorobenzene	ND		0.060
Hexachlorobutadiene	ND		0.30
Naphthalene	ND		0.060
1,2,3-Trichlorobenzene	ND		0.060

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	91	54-130

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METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1023S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	87	54-130

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
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Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1023S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0611	122	0.0605	121	70-130	
Benzene	0.0500	0.0492	98	0.0494	99	70-128	
Trichloroethene	0.0500	0.0457	91	0.0494	99	70-124	
Toluene	0.0500	0.0488	98	0.0504	101	73-123	
Chlorobenzene	0.0500	0.0485	97	0.0483	97	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	0	15	
Trichloroethene	8	14	
Toluene	3	14	
Chlorobenzene	0	13	

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-05
Client ID: Stockpile-P1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00099
Chloromethane	ND		0.0049
Vinyl Chloride	ND		0.00099
Bromomethane	ND		0.00099
Chloroethane	ND		0.0049
Trichlorofluoromethane	ND		0.00099
1,1-Dichloroethene	ND		0.00099
Acetone	ND		0.0049
Iodomethane	ND		0.0049
Carbon Disulfide	ND		0.00099
Methylene Chloride	ND		0.0049
(trans) 1,2-Dichloroethene	ND		0.00099
Methyl t-Butyl Ether	ND		0.00099
1,1-Dichloroethane	ND		0.00099
Vinyl Acetate	ND		0.0049
2,2-Dichloropropane	ND		0.00099
(cis) 1,2-Dichloroethene	ND		0.00099
2-Butanone	ND		0.0049
Bromochloromethane	ND		0.00099
Chloroform	ND		0.00099
1,1,1-Trichloroethane	ND		0.00099
Carbon Tetrachloride	ND		0.00099
1,1-Dichloropropene	ND		0.00099
Benzene	ND		0.00099
1,2-Dichloroethane	ND		0.00099
Trichloroethene	ND		0.00099
1,2-Dichloropropane	ND		0.00099
Dibromomethane	ND		0.00099
Bromodichloromethane	ND		0.00099
2-Chloroethyl Vinyl Ether	ND		0.0049
(cis) 1,3-Dichloropropene	ND		0.00099
Methyl Isobutyl Ketone	ND		0.0049
Toluene	ND		0.0049
(trans) 1,3-Dichloropropene	ND		0.00099

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Lab ID: 10-185-05
Client ID: Stockpile-P1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00099
Tetrachloroethene	ND		0.00099
1,3-Dichloropropane	ND		0.00099
2-Hexanone	ND		0.0049
Dibromochloromethane	ND		0.00099
1,2-Dibromoethane	ND		0.00099
Chlorobenzene	ND		0.00099
1,1,1,2-Tetrachloroethane	ND		0.00099
Ethylbenzene	ND		0.00099
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.00099
Styrene	ND		0.00099
Bromoform	ND		0.00099
Isopropylbenzene	ND		0.00099
Bromobenzene	ND		0.00099
1,1,2,2-Tetrachloroethane	ND		0.00099
1,2,3-Trichloropropane	ND		0.00099
n-Propylbenzene	ND		0.00099
2-Chlorotoluene	ND		0.00099
4-Chlorotoluene	ND		0.00099
1,3,5-Trimethylbenzene	ND		0.00099
tert-Butylbenzene	ND		0.00099
1,2,4-Trimethylbenzene	ND		0.00099
sec-Butylbenzene	ND		0.00099
1,3-Dichlorobenzene	ND		0.00099
p-Isopropyltoluene	ND		0.00099
1,4-Dichlorobenzene	ND		0.00099
1,2-Dichlorobenzene	ND		0.00099
n-Butylbenzene	ND		0.00099
1,2-Dibromo-3-chloropropane	ND		0.0049
1,2,4-Trichlorobenzene	ND		0.00099
Hexachlorobutadiene	ND		0.0049
Naphthalene	ND		0.00099
1,2,3-Trichlorobenzene	ND		0.00099

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	103	55-125
Toluene-d8	106	56-127
4-Bromofluorobenzene	89	54-130

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-07
Client ID: Stockpile-P2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0063
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0063
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0063
Iodomethane	ND		0.0063
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0063
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0063
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0063
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0063
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0063
Toluene	ND		0.0063
(trans) 1,3-Dichloropropene	ND		0.0013

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Lab ID: 10-185-07
Client ID: Stockpile-P2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0063
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	0.0016		0.0013
m,p-Xylene	0.0082		0.0025
o-Xylene	0.0018		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0063
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0063
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	76	54-130

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-11
Client ID: Stockpile-P3

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.21		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: 10-185-11
Client ID: Stockpile-P3

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	0.0028		0.0021
o-Xylene	0.0011		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	109	55-125
Toluene-d8	104	56-127
4-Bromofluorobenzene	88	54-130

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Date of Report: November 2, 2009
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Laboratory Reference: 0910-185
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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-18
Client ID: Stockpile-P4

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0064
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0064
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0064
Iodomethane	ND		0.0064
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0064
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0064
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0064
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0064
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0064
Toluene	ND		0.0064
(trans) 1,3-Dichloropropene	ND		0.0013

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: 10-185-18
Client ID: Stockpile-P4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0064
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0064
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0064
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	91	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19
Client ID: Stockpile-P5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	ND		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: 10-185-19
Client ID: Stockpile-P5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	87	54-130

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METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1023S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1027S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: MB1027S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	86	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1023S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0611	122	0.0605	121	70-130	
Benzene	0.0500	0.0492	98	0.0494	99	70-128	
Trichloroethene	0.0500	0.0457	91	0.0494	99	70-124	
Toluene	0.0500	0.0488	98	0.0504	101	73-123	
Chlorobenzene	0.0500	0.0485	97	0.0483	97	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	0	15	
Trichloroethene	8	14	
Toluene	3	14	
Chlorobenzene	0	13	

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1027S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0494	99	0.0488	98	70-130	
Benzene	0.0500	0.0416	83	0.0409	82	70-128	
Trichloroethene	0.0500	0.0425	85	0.0425	85	70-124	
Toluene	0.0500	0.0436	87	0.0431	86	73-123	
Chlorobenzene	0.0500	0.0503	101	0.0497	99	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	2	15	
Trichloroethene	0	14	
Toluene	1	14	
Chlorobenzene	1	13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-01
Client ID: Tank3-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00096
Chloromethane	ND		0.0048
Vinyl Chloride	ND		0.00096
Bromomethane	ND		0.00096
Chloroethane	ND		0.0048
Trichlorofluoromethane	ND		0.00096
1,1-Dichloroethene	ND		0.00096
Acetone	0.014		0.0048
Iodomethane	ND		0.0048
Carbon Disulfide	ND		0.00096
Methylene Chloride	ND		0.0048
(trans) 1,2-Dichloroethene	ND		0.00096
Methyl t-Butyl Ether	ND		0.00096
1,1-Dichloroethane	ND		0.00096
Vinyl Acetate	ND		0.0048
2,2-Dichloropropane	ND		0.00096
(cis) 1,2-Dichloroethene	ND		0.00096
2-Butanone	ND		0.0048
Bromochloromethane	ND		0.00096
Chloroform	ND		0.00096
1,1,1-Trichloroethane	ND		0.00096
Carbon Tetrachloride	ND		0.00096
1,1-Dichloropropene	ND		0.00096
Benzene	ND		0.00096
1,2-Dichloroethane	ND		0.00096
Trichloroethene	ND		0.00096
1,2-Dichloropropane	ND		0.00096
Dibromomethane	ND		0.00096
Bromodichloromethane	ND		0.00096
2-Chloroethyl Vinyl Ether	ND		0.0048
(cis) 1,3-Dichloropropene	ND		0.00096
Methyl Isobutyl Ketone	ND		0.0048
Toluene	ND		0.0048
(trans) 1,3-Dichloropropene	ND		0.00096

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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Lab ID: 10-185-01
Client ID: Tank3-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00096
Tetrachloroethene	ND		0.00096
1,3-Dichloropropane	ND		0.00096
2-Hexanone	ND		0.0048
Dibromochloromethane	ND		0.00096
1,2-Dibromoethane	ND		0.00096
Chlorobenzene	ND		0.00096
1,1,1,2-Tetrachloroethane	ND		0.00096
Ethylbenzene	0.019		0.00096
m,p-Xylene	0.089		0.0019
o-Xylene	0.032		0.00096
Styrene	ND		0.00096
Bromoform	ND		0.00096
Isopropylbenzene	ND		0.00096
Bromobenzene	ND		0.00096
1,1,2,2-Tetrachloroethane	ND		0.00096
1,2,3-Trichloropropane	ND		0.00096
n-Propylbenzene	ND		0.00096
2-Chlorotoluene	ND		0.00096
4-Chlorotoluene	ND		0.00096
1,3,5-Trimethylbenzene	ND		0.00096
tert-Butylbenzene	ND		0.00096
1,2,4-Trimethylbenzene	ND		0.00096
sec-Butylbenzene	ND		0.00096
1,3-Dichlorobenzene	ND		0.00096
p-Isopropyltoluene	ND		0.00096
1,4-Dichlorobenzene	ND		0.00096
1,2-Dichlorobenzene	ND		0.00096
n-Butylbenzene	ND		0.00096
1,2-Dibromo-3-chloropropane	ND		0.0048
1,2,4-Trichlorobenzene	ND		0.00096
Hexachlorobutadiene	ND		0.0048
Naphthalene	ND		0.00096
1,2,3-Trichlorobenzene	ND		0.00096

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	89	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-02
Client ID: Product-W1 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.055
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.055
Bromomethane	ND		0.055
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.055
1,1-Dichloroethene	ND		0.055
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.055
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.055
Methyl t-Butyl Ether	ND		0.055
1,1-Dichloroethane	ND		0.055
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.055
(cis) 1,2-Dichloroethene	ND		0.055
2-Butanone	ND		0.28
Bromochloromethane	ND		0.055
Chloroform	ND		0.055
1,1,1-Trichloroethane	ND		0.055
Carbon Tetrachloride	ND		0.055
1,1-Dichloropropene	ND		0.055
Benzene	ND		0.055
1,2-Dichloroethane	ND		0.055
Trichloroethene	ND		0.055
1,2-Dichloropropane	ND		0.055
Dibromomethane	ND		0.055
Bromodichloromethane	ND		0.055
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.055
Methyl Isobutyl Ketone	ND		0.28
Toluene	ND		0.28
(trans) 1,3-Dichloropropene	ND		0.055

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Lab ID: 10-185-02
Client ID: Product-W1 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.055
Tetrachloroethene	ND		0.055
1,3-Dichloropropane	ND		0.055
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.055
1,2-Dibromoethane	ND		0.055
Chlorobenzene	ND		0.055
1,1,1,2-Tetrachloroethane	ND		0.055
Ethylbenzene	0.23		0.055
m,p-Xylene	0.98		0.11
o-Xylene	0.35		0.055
Styrene	ND		0.055
Bromoform	ND		0.055
Isopropylbenzene	ND		0.055
Bromobenzene	ND		0.055
1,1,2,2-Tetrachloroethane	ND		0.055
1,2,3-Trichloropropane	ND		0.055
n-Propylbenzene	0.086		0.055
2-Chlorotoluene	ND		0.055
4-Chlorotoluene	ND		0.055
1,3,5-Trimethylbenzene	ND		0.055
tert-Butylbenzene	ND		0.055
1,2,4-Trimethylbenzene	0.10		0.055
sec-Butylbenzene	ND		0.055
1,3-Dichlorobenzene	ND		0.055
p-Isopropyltoluene	ND		0.055
1,4-Dichlorobenzene	ND		0.055
1,2-Dichlorobenzene	ND		0.055
n-Butylbenzene	0.081		0.055
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.055
Hexachlorobutadiene	ND		0.28
Naphthalene	ND		0.055
1,2,3-Trichlorobenzene	ND		0.055

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	55-125
Toluene-d8	81	56-127
4-Bromofluorobenzene	84	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Laboratory Reference: 0910-185
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-03
Client ID: Tank4-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.043		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	0.011		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.016		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-03
Client ID: Tank4-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.0011		0.0010
m,p-Xylene	0.0043		0.0021
o-Xylene	0.0020		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0017		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0012		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	95	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-04
Client ID: Tank5-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.016		0.0054
Iodomethane	ND		0.0054
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0054
Toluene	0.030		0.0054
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-185-04
Client ID: Tank5-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.0012		0.0011
m,p-Xylene	0.0050		0.0021
o-Xylene	0.0017		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	94	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-06
Client ID: Tank6-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.055
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.055
Bromomethane	ND		0.055
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.055
1,1-Dichloroethene	ND		0.055
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.055
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.055
Methyl t-Butyl Ether	ND		0.055
1,1-Dichloroethane	ND		0.055
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.055
(cis) 1,2-Dichloroethene	ND		0.055
2-Butanone	ND		0.28
Bromochloromethane	ND		0.055
Chloroform	ND		0.055
1,1,1-Trichloroethane	ND		0.055
Carbon Tetrachloride	ND		0.055
1,1-Dichloropropene	ND		0.055
Benzene	ND		0.055
1,2-Dichloroethane	ND		0.055
Trichloroethene	ND		0.055
1,2-Dichloropropane	ND		0.055
Dibromomethane	ND		0.055
Bromodichloromethane	ND		0.055
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.055
Methyl Isobutyl Ketone	ND		0.28
Toluene	0.30		0.28
(trans) 1,3-Dichloropropene	ND		0.055

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Lab ID: 10-185-06
Client ID: Tank6-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.055
Tetrachloroethene	ND		0.055
1,3-Dichloropropane	ND		0.055
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.055
1,2-Dibromoethane	ND		0.055
Chlorobenzene	ND		0.055
1,1,1,2-Tetrachloroethane	ND		0.055
Ethylbenzene	0.083		0.055
m,p-Xylene	0.28		0.11
o-Xylene	ND		0.055
Styrene	ND		0.055
Bromoform	ND		0.055
Isopropylbenzene	0.073		0.055
Bromobenzene	ND		0.055
1,1,2,2-Tetrachloroethane	ND		0.055
1,2,3-Trichloropropane	ND		0.055
n-Propylbenzene	0.13		0.055
2-Chlorotoluene	ND		0.055
4-Chlorotoluene	ND		0.055
1,3,5-Trimethylbenzene	ND		0.055
tert-Butylbenzene	ND		0.055
1,2,4-Trimethylbenzene	ND		0.055
sec-Butylbenzene	ND		0.055
1,3-Dichlorobenzene	ND		0.055
p-Isopropyltoluene	ND		0.055
1,4-Dichlorobenzene	ND		0.055
1,2-Dichlorobenzene	ND		0.055
n-Butylbenzene	ND		0.055
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.055
Hexachlorobutadiene	ND		0.28
Naphthalene	ND		0.055
1,2,3-Trichlorobenzene	ND		0.055

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-29&30-09
Date Analyzed: 10-29&30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-08
Client ID: Tank7-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00093
Chloromethane	ND		0.0046
Vinyl Chloride	ND		0.00093
Bromomethane	ND		0.00093
Chloroethane	ND		0.0046
Trichlorofluoromethane	ND		0.00093
1,1-Dichloroethene	ND		0.00093
Acetone	3.5		0.28
Iodomethane	ND		0.0046
Carbon Disulfide	ND		0.00093
Methylene Chloride	ND		0.0046
(trans) 1,2-Dichloroethene	ND		0.00093
Methyl t-Butyl Ether	ND		0.00093
1,1-Dichloroethane	ND		0.00093
Vinyl Acetate	ND		0.0046
2,2-Dichloropropane	ND		0.00093
(cis) 1,2-Dichloroethene	ND		0.00093
2-Butanone	ND		0.0046
Bromochloromethane	ND		0.00093
Chloroform	ND		0.00093
1,1,1-Trichloroethane	ND		0.00093
Carbon Tetrachloride	ND		0.00093
1,1-Dichloropropene	ND		0.00093
Benzene	ND		0.00093
1,2-Dichloroethane	ND		0.00093
Trichloroethene	ND		0.00093
1,2-Dichloropropane	ND		0.00093
Dibromomethane	ND		0.00093
Bromodichloromethane	ND		0.00093
2-Chloroethyl Vinyl Ether	ND		0.0046
(cis) 1,3-Dichloropropene	ND		0.00093
Methyl Isobutyl Ketone	ND		0.0046
Toluene	ND		0.0046
(trans) 1,3-Dichloropropene	ND		0.00093

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Lab ID: 10-185-08
Client ID: Tank7-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00093
Tetrachloroethene	ND		0.00093
1,3-Dichloropropane	ND		0.00093
2-Hexanone	ND		0.0046
Dibromochloromethane	ND		0.00093
1,2-Dibromoethane	ND		0.00093
Chlorobenzene	ND		0.00093
1,1,1,2-Tetrachloroethane	ND		0.00093
Ethylbenzene	ND		0.00093
m,p-Xylene	ND		0.0019
o-Xylene	ND		0.00093
Styrene	ND		0.00093
Bromoform	ND		0.00093
Isopropylbenzene	ND		0.00093
Bromobenzene	ND		0.00093
1,1,2,2-Tetrachloroethane	ND		0.00093
1,2,3-Trichloropropane	ND		0.00093
n-Propylbenzene	ND		0.00093
2-Chlorotoluene	ND		0.00093
4-Chlorotoluene	ND		0.00093
1,3,5-Trimethylbenzene	ND		0.00093
tert-Butylbenzene	ND		0.00093
1,2,4-Trimethylbenzene	ND		0.00093
sec-Butylbenzene	ND		0.00093
1,3-Dichlorobenzene	ND		0.00093
p-Isopropyltoluene	ND		0.00093
1,4-Dichlorobenzene	ND		0.00093
1,2-Dichlorobenzene	ND		0.00093
n-Butylbenzene	ND		0.00093
1,2-Dibromo-3-chloropropane	ND		0.0046
1,2,4-Trichlorobenzene	ND		0.00093
Hexachlorobutadiene	ND		0.0046
Naphthalene	ND		0.00093
1,2,3-Trichlorobenzene	ND		0.00093

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	55-125
Toluene-d8	88	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-09
Client ID: Product-W2 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.057
Chloromethane	ND		0.29
Vinyl Chloride	ND		0.057
Bromomethane	ND		0.057
Chloroethane	ND		0.29
Trichlorofluoromethane	ND		0.057
1,1-Dichloroethene	ND		0.057
Acetone	0.51		0.29
Iodomethane	ND		0.29
Carbon Disulfide	ND		0.057
Methylene Chloride	ND		0.29
(trans) 1,2-Dichloroethene	ND		0.057
Methyl t-Butyl Ether	ND		0.057
1,1-Dichloroethane	ND		0.057
Vinyl Acetate	ND		0.29
2,2-Dichloropropane	ND		0.057
(cis) 1,2-Dichloroethene	ND		0.057
2-Butanone	ND		0.29
Bromochloromethane	ND		0.057
Chloroform	ND		0.057
1,1,1-Trichloroethane	ND		0.057
Carbon Tetrachloride	ND		0.057
1,1-Dichloropropene	ND		0.057
Benzene	ND		0.057
1,2-Dichloroethane	ND		0.057
Trichloroethene	ND		0.057
1,2-Dichloropropane	ND		0.057
Dibromomethane	ND		0.057
Bromodichloromethane	ND		0.057
2-Chloroethyl Vinyl Ether	ND		0.29
(cis) 1,3-Dichloropropene	ND		0.057
Methyl Isobutyl Ketone	ND		0.29
Toluene	ND		0.29
(trans) 1,3-Dichloropropene	ND		0.057

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Lab ID: 10-185-09
Client ID: Product-W2 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.057
Tetrachloroethene	ND		0.057
1,3-Dichloropropane	ND		0.057
2-Hexanone	ND		0.29
Dibromochloromethane	ND		0.057
1,2-Dibromoethane	ND		0.057
Chlorobenzene	ND		0.057
1,1,1,2-Tetrachloroethane	ND		0.057
Ethylbenzene	0.082		0.057
m,p-Xylene	1.4		0.11
o-Xylene	0.51		0.057
Styrene	ND		0.057
Bromoform	ND		0.057
Isopropylbenzene	0.19		0.057
Bromobenzene	ND		0.057
1,1,2,2-Tetrachloroethane	ND		0.057
1,2,3-Trichloropropane	ND		0.057
n-Propylbenzene	0.18		0.057
2-Chlorotoluene	ND		0.057
4-Chlorotoluene	ND		0.057
1,3,5-Trimethylbenzene	ND		0.057
tert-Butylbenzene	ND		0.057
1,2,4-Trimethylbenzene	ND		0.057
sec-Butylbenzene	0.24		0.057
1,3-Dichlorobenzene	ND		0.057
p-Isopropyltoluene	ND		0.057
1,4-Dichlorobenzene	ND		0.057
1,2-Dichlorobenzene	ND		0.057
n-Butylbenzene	0.19		0.057
1,2-Dibromo-3-chloropropane	ND		0.29
1,2,4-Trichlorobenzene	ND		0.057
Hexachlorobutadiene	ND		0.29
Naphthalene	ND		0.057
1,2,3-Trichlorobenzene	ND		0.057

Surrogate	Percent Recovery		Control Limits
Dibromofluoromethane	84		55-125
Toluene-d8	84		56-127
4-Bromofluorobenzene	158	Q	54-130

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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Date Extracted:	10-29&30-09
Date Analyzed:	10-29&30-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	10-185-12
Client ID:	**Tank8-B-1009**

Compound	**Results**	**Flags**	**PQL**
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	10		0.61
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	ND		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-12
Client ID: Tank8-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.0056		0.0010
m,p-Xylene	0.024		0.0021
o-Xylene	0.0086		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	87	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-14
Client ID: Tank9-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.040		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0060		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 10-185-14
Client ID: Tank9-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-15
Client ID: Product-N Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.074
Chloromethane	ND		0.37
Vinyl Chloride	ND		0.074
Bromomethane	ND		0.074
Chloroethane	ND		0.37
Trichlorofluoromethane	ND		0.074
1,1-Dichloroethene	ND		0.074
Acetone	ND		0.37
Iodomethane	ND		0.37
Carbon Disulfide	ND		0.074
Methylene Chloride	ND		0.37
(trans) 1,2-Dichloroethene	ND		0.074
Methyl t-Butyl Ether	ND		0.074
1,1-Dichloroethane	ND		0.074
Vinyl Acetate	ND		0.37
2,2-Dichloropropane	ND		0.074
(cis) 1,2-Dichloroethene	ND		0.074
2-Butanone	ND		0.37
Bromochloromethane	ND		0.074
Chloroform	ND		0.074
1,1,1-Trichloroethane	ND		0.074
Carbon Tetrachloride	ND		0.074
1,1-Dichloropropene	ND		0.074
Benzene	ND		0.074
1,2-Dichloroethane	ND		0.074
Trichloroethene	ND		0.074
1,2-Dichloropropane	ND		0.074
Dibromomethane	ND		0.074
Bromodichloromethane	ND		0.074
2-Chloroethyl Vinyl Ether	ND		0.37
(cis) 1,3-Dichloropropene	ND		0.074
Methyl Isobutyl Ketone	ND		0.37
Toluene	ND		0.37
(trans) 1,3-Dichloropropene	ND		0.074

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Lab ID: 10-185-15
Client ID: Product-N Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.074
Tetrachloroethene	ND		0.074
1,3-Dichloropropane	ND		0.074
2-Hexanone	ND		0.37
Dibromochloromethane	ND		0.074
1,2-Dibromoethane	ND		0.074
Chlorobenzene	ND		0.074
1,1,1,2-Tetrachloroethane	ND		0.074
Ethylbenzene	0.099		0.074
m,p-Xylene	ND		0.15
o-Xylene	ND		0.074
Styrene	ND		0.074
Bromoform	ND		0.074
Isopropylbenzene	0.42		0.074
Bromobenzene	ND		0.074
1,1,2,2-Tetrachloroethane	ND		0.074
1,2,3-Trichloropropane	ND		0.074
n-Propylbenzene	0.47		0.074
2-Chlorotoluene	ND		0.074
4-Chlorotoluene	ND		0.074
1,3,5-Trimethylbenzene	ND		0.074
tert-Butylbenzene	ND		0.074
1,2,4-Trimethylbenzene	ND		0.074
sec-Butylbenzene	0.15		0.074
1,3-Dichlorobenzene	ND		0.074
p-Isopropyltoluene	ND		0.074
1,4-Dichlorobenzene	ND		0.074
1,2-Dichlorobenzene	ND		0.074
n-Butylbenzene	0.19		0.074
1,2-Dibromo-3-chloropropane	ND		0.37
1,2,4-Trichlorobenzene	ND		0.074
Hexachlorobutadiene	ND		0.37
Naphthalene	ND		0.074
1,2,3-Trichlorobenzene	ND		0.074

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	90	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-16
Client ID: Product-E1 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.0092		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.014		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-16
Client ID: Product-E1 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0021
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0076		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0038		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	0.0012		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-17
Client ID: Product-E2 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0055
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0055
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.0089		0.0055
Iodomethane	ND		0.0055
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0055
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0055
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0055
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0055
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0055
Toluene	ND		0.0055
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-185-17
Client ID: Product-E2 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0055
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0055
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0055
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	90	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-20
Client ID: Product-S Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0069
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0069
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.032		0.0069
Iodomethane	ND		0.0069
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0069
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0069
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0069
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0069
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0069
Toluene	ND		0.0069
(trans) 1,3-Dichloropropene	ND		0.0014

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Lab ID: 10-185-20
Client ID: Product-S Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0069
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0069
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0069
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	96	54-130

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
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VOLATILES by EPA 8260B
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1029S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1029S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	79	54-130

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

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: MB1030S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	85	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1029S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0473	95	0.0448	90	70-130	
Benzene	0.0500	0.0385	77	0.0379	76	70-128	
Trichloroethene	0.0500	0.0410	82	0.0417	83	70-124	
Toluene	0.0500	0.0398	80	0.0391	78	73-123	
Chlorobenzene	0.0500	0.0471	94	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	5	16	
Benzene	2	15	
Trichloroethene	2	14	
Toluene	2	14	
Chlorobenzene	1	13	

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Samples Submitted: October 23, 2009
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1030S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0433	87	0.0438	88	70-130	
Benzene	0.0500	0.0405	81	0.0408	82	70-128	
Trichloroethene	0.0500	0.0450	90	0.0409	82	70-124	
Toluene	0.0500	0.0456	91	0.0409	82	73-123	
Chlorobenzene	0.0500	0.0495	99	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	1	15	
Trichloroethene	10	14	
Toluene	11	14	
Chlorobenzene	6	13	

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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10
Client ID: Product-GW-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		100
Chloromethane	ND		500
Vinyl Chloride	ND		100
Bromomethane	ND		100
Chloroethane	ND		500
Trichlorofluoromethane	ND		100
1,1-Dichloroethene	ND		100
Acetone	13000		2500
Iodomethane	ND		500
Carbon Disulfide	ND		100
Methylene Chloride	ND		500
(trans) 1,2-dichloroethene	ND		100
Methyl t-Butyl Ether	ND		100
1,1-Dichloroethane	ND		100
Vinyl Acetate	ND		1000
2,2-Dichloropropane	ND		100
(cis) 1,2-Dichloroethene	ND		100
2-Butanone	ND		2500
Bromochloromethane	ND		100
Chloroform	ND		100
1,1,1-Trichloroethane	ND		100
Carbon Tetrachloride	ND		100
1,1-Dichloropropene	ND		100
Benzene	ND		100
1,2-Dichloroethane	ND		100
Trichloroethene	ND		100
1,2-Dichloropropane	ND		100
Dibromomethane	ND		100
Bromodichloromethane	ND		100
2-Chloroethyl Vinyl Ether	ND		500
(cis) 1,3-Dichloropropene	ND		100
Methyl Isobutyl Ketone	ND		1000
Toluene	17000		500
(trans) 1,3-Dichloropropene	ND		100

This report pertains to the samples analyzed in accordance with the chain of custody,
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Samples Submitted: October 23, 2009
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Project: 14697

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Lab ID: 10-185-10
Client ID: Product-GW-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		100
Tetrachloroethene	ND		100
1,3-Dichloropropane	ND		100
2-Hexanone	ND		1000
Dibromochloromethane	ND		100
1,2-Dibromoethane	ND		100
Chlorobenzene	ND		100
1,1,1,2-Tetrachloroethane	ND		100
Ethylbenzene	8100		100
m,p-Xylene	37000		200
o-Xylene	13000		100
Styrene	ND		100
Bromoform	ND		500
Isopropylbenzene	ND		100
Bromobenzene	ND		100
1,1,2,2-Tetrachloroethane	ND		100
1,2,3-Trichloropropane	ND		100
n-Propylbenzene	ND		100
2-Chlorotoluene	ND		100
4-Chlorotoluene	ND		100
1,3,5-Trimethylbenzene	ND		100
tert-Butylbenzene	ND		100
1,2,4-Trimethylbenzene	ND		100
sec-Butylbenzene	ND		100
1,3-Dichlorobenzene	ND		100
p-Isopropyltoluene	ND		100
1,4-Dichlorobenzene	ND		100
1,2-Dichlorobenzene	ND		100
n-Butylbenzene	ND		100
1,2-Dibromo-3-chloropropane	ND		500
1,2,4-Trichlorobenzene	ND		100
Hexachlorobutadiene	ND		100
Naphthalene	ND		500
1,2,3-Trichlorobenzene	ND		100

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	87	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-21
Client ID: TRIP BLANK

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.23		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: 10-185-21
Client ID: TRIP BLANK

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	85	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1026W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1026W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	83	70-123

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	5000	4340	87	4260	85	70-130	
Benzene	ND	5000	4490	90	4540	91	81-125	
Trichloroethene	ND	5000	4740	95	4640	93	79-116	
Toluene	17000	5000	22500	110	21800	96	88-118	
Chlorobenzene	ND	5000	4740	95	4890	98	75-121	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	22	
Benzene	1	11	
Trichloroethene	2	11	
Toluene	3	14	
Chlorobenzene	3	14	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13					
Client ID:	**PCS-1**					
Aluminum	**6000**	14	6020	10-23-09	10-23-09	
Antimony	**ND**	5.6	6020	10-26-09	10-26-09	
Arsenic	**ND**	11	6020	10-23-09	10-23-09	
Barium	**24**	2.8	6020	10-23-09	10-23-09	
Cadmium	**ND**	0.56	6020	10-23-09	10-23-09	
Chromium	**11**	1.1	6020	10-23-09	10-23-09	
Copper	**18**	1.1	6020	10-23-09	10-23-09	
Lead	**ND**	5.6	6020	10-23-09	10-23-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**10**	2.8	6020	10-23-09	10-23-09	
Selenium	**ND**	11	6020	10-23-09	10-23-09	
Silver	**1.9**	0.56	6020	10-23-09	10-23-09	
Zinc	**29**	2.8	6020	10-23-09	10-23-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1&MB1026S3

Analyte	Method	Result	PQL
Aluminum	6020	**ND**	5.0
Antimony	6020	**ND**	5.0
Arsenic	6020	**ND**	10
Barium	6020	**ND**	2.5
Cadmium	6020	**ND**	0.50
Chromium	6020	**ND**	1.0
Copper	6020	**ND**	0.50
Lead	6020	**ND**	5.0
Nickel	6020	**ND**	2.5
Selenium	6020	**ND**	10
Silver	6020	**ND**	0.50
Zinc	6020	**ND**	2.5

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

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

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
DUPLICATE QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-128-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Aluminum	**4740**	**5470**	14	25	
Antimony	**ND**	**ND**	NA	5.0	
Arsenic	**ND**	**ND**	NA	10	
Barium	**24.9**	**23.9**	4	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.48**	**8.06**	7	1.0	
Copper	**11.0**	**13.1**	18	0.50	
Lead	**8.37**	**8.52**	2	5.0	
Nickel	**6.25**	**6.81**	9	2.5	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	
Zinc	**45.5**	**48.1**	5	2.5	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13

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

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
MS/MSD QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-128-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Aluminum	1000	**7390**	265	**6200**	146	17	A
Antimony	100	**94.8**	95	**101**	101	6	
Arsenic	100	**96.1**	96	**100**	100	4	
Barium	100	**125**	100	**126**	101	0	
Cadmium	50	**49.8**	100	**47.2**	94	5	
Chromium	100	**108**	101	**106**	98	2	
Copper	50	**60.3**	99	**62.0**	102	3	
Lead	250	**249**	96	**248**	96	0	
Nickel	100	**103**	97	**106**	99	3	
Selenium	100	**101**	101	**104**	104	3	
Silver	25	**24.0**	96	**23.7**	95	1	
Zinc	100	**149**	104	**152**	106	2	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
MS/MSD QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	**0.526**	105	**0.528**	106	1	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05					
Client ID:	**Stockpile-P1**					
Arsenic	**ND**	11	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.53	6010B	10-28-09	10-28-09	
Chromium	**15**	0.53	6010B	10-28-09	10-28-09	
Copper	**40**	1.1	6010B	10-28-09	10-28-09	
Lead	**ND**	5.3	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**15**	2.7	6010B	10-28-09	10-28-09	
Zinc	**33**	2.7	6010B	10-28-09	10-28-09	
Lab ID:	10-185-07					
Client ID:	**Stockpile-P2**					
Arsenic	**ND**	10	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.52	6010B	10-28-09	10-28-09	
Chromium	**16**	0.52	6010B	10-28-09	10-28-09	
Copper	**34**	1.0	6010B	10-28-09	10-28-09	
Lead	**ND**	5.2	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.26	7471A	10-26-09	10-26-09	
Nickel	**12**	2.6	6010B	10-28-09	10-28-09	
Zinc	**26**	2.6	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-11					
Client ID:	**Stockpile-P3**					
Arsenic	**ND**	12	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.58	6010B	10-28-09	10-28-09	
Chromium	**17**	0.58	6010B	10-28-09	10-28-09	
Copper	**34**	1.2	6010B	10-28-09	10-28-09	
Lead	**ND**	5.8	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-28-09	10-28-09	
Zinc	**180**	2.9	6010B	10-28-09	10-28-09	
Lab ID:	10-185-18					
Client ID:	**Stockpile-P4**					
Arsenic	**ND**	10	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.52	6010B	10-28-09	10-28-09	
Chromium	**15**	0.52	6010B	10-28-09	10-28-09	
Copper	**35**	1.0	6010B	10-28-09	10-28-09	
Lead	**ND**	5.2	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.26	7471A	10-26-09	10-26-09	
Nickel	**13**	2.6	6010B	10-28-09	10-28-09	
Zinc	**38**	2.6	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-19					
Client ID:	**Stockpile-P5**					
Arsenic	**ND**	11	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.54	6010B	10-28-09	10-28-09	
Chromium	**14**	0.54	6010B	10-28-09	10-28-09	
Copper	**30**	1.1	6010B	10-28-09	10-28-09	
Lead	**ND**	5.4	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**13**	2.7	6010B	10-28-09	10-28-09	
Zinc	**24**	2.7	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S2&MB1028S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**12.8**	**13.7**	6	0.50	
Copper	**28.2**	**29.5**	5	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**12.4**	**12.4**	0	2.5	
Zinc	**22.0**	**24.7**	11	2.5	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**84.1**	84	**85.1**	85	1	
Cadmium	50	**45.0**	90	**45.1**	90	0	
Chromium	100	**104**	92	**105**	92	1	
Copper	50	**77.3**	98	**75.9**	96	2	
Lead	250	**216**	86	**217**	87	1	
Mercury	0.50	**0.515**	103	**0.510**	102	1	
Nickel	100	**102**	90	**103**	90	0	
Zinc	100	**118**	96	**115**	93	3	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01					
Client ID:	**Tank3-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.58	6010B	10-29-09	10-29-09	
Chromium	**16**	0.58	6010B	10-29-09	10-29-09	
Copper	**26**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.8	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-29-09	10-29-09	
Zinc	**27**	2.9	6010B	10-29-09	10-29-09	
Lab ID:	10-185-02					
Client ID:	**Product-W1Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.55	6010B	10-29-09	10-29-09	
Chromium	**8.5**	0.55	6010B	10-29-09	10-29-09	
Copper	**13**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.5	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**8.3**	2.7	6010B	10-29-09	10-29-09	
Zinc	**32**	2.7	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-03					
Client ID:	**Tank4-B-1009**					
Arsenic	**ND**	13	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.64	6010B	10-29-09	10-29-09	
Chromium	**7.9**	0.64	6010B	10-29-09	10-29-09	
Copper	**13**	1.3	6010B	10-29-09	10-29-09	
Lead	**ND**	6.4	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.32	7471A	10-26-09	10-26-09	
Nickel	**9.1**	3.2	6010B	10-29-09	10-29-09	
Zinc	**29**	3.2	6010B	10-29-09	10-29-09	
Lab ID:	10-185-04					
Client ID:	**Tank5-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.60	6010B	10-29-09	10-29-09	
Chromium	**11**	0.60	6010B	10-29-09	10-29-09	
Copper	**25**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	6.0	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.30	7471A	10-26-09	10-26-09	
Nickel	**12**	3.0	6010B	10-29-09	10-29-09	
Zinc	**23**	3.0	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-06					
Client ID:	**Tank6-B-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**7.8**	0.56	6010B	10-29-09	10-29-09	
Copper	**9.3**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**8.8**	2.8	6010B	10-29-09	10-29-09	
Zinc	**25**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-08					
Client ID:	**Tank7-B-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.57	6010B	10-29-09	10-29-09	
Chromium	**13**	0.57	6010B	10-29-09	10-29-09	
Copper	**33**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.7	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**13**	2.9	6010B	10-29-09	10-29-09	
Zinc	**29**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-09					
Client ID:	**Product-W2Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**8.2**	0.56	6010B	10-29-09	10-29-09	
Copper	**14**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**6.8**	2.8	6010B	10-29-09	10-29-09	
Zinc	**17**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-12					
Client ID:	**Tank8-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.59	6010B	10-29-09	10-29-09	
Chromium	**15**	0.59	6010B	10-29-09	10-29-09	
Copper	**30**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.9	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-29-09	10-29-09	
Zinc	**27**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-14					
Client ID:	**Tank9-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.61	6010B	10-29-09	10-29-09	
Chromium	**17**	0.61	6010B	10-29-09	10-29-09	
Copper	**13**	1.2	6010B	10-29-09	10-29-09	
Lead	**7.2**	6.1	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.31	7471A	10-26-09	10-26-09	
Nickel	**22**	3.1	6010B	10-29-09	10-29-09	
Zinc	**95**	3.1	6010B	10-29-09	10-29-09	
Lab ID:	10-185-15					
Client ID:	**Product-NWall-1009**					
Arsenic	**ND**	13	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.64	6010B	10-29-09	10-29-09	
Chromium	**7.2**	0.64	6010B	10-29-09	10-29-09	
Copper	**9.3**	1.3	6010B	10-29-09	10-29-09	
Lead	**ND**	6.4	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.32	7471A	10-26-09	10-26-09	
Nickel	**6.6**	3.2	6010B	10-29-09	10-29-09	
Zinc	**140**	3.2	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-16					
Client ID:	**Product-E1Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**13**	0.56	6010B	10-29-09	10-29-09	
Copper	**28**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**13**	2.8	6010B	10-29-09	10-29-09	
Zinc	**24**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-17					
Client ID:	**Product-E2Wall-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.58	6010B	10-29-09	10-29-09	
Chromium	**18**	0.58	6010B	10-29-09	10-29-09	
Copper	**26**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.8	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**14**	2.9	6010B	10-29-09	10-29-09	
Zinc	**25**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-20					
Client ID:	**Product-SWall-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.61	6010B	10-29-09	10-29-09	
Chromium	**5.6**	0.61	6010B	10-29-09	10-29-09	
Copper	**5.3**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	6.1	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.30	7471A	10-26-09	10-26-09	
Nickel	**5.2**	3.0	6010B	10-29-09	10-29-09	
Zinc	**14**	3.0	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S2&MB1028S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**12.8**	**13.7**	6	0.50	
Copper	**28.2**	**29.5**	5	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**12.4**	**12.4**	0	2.5	
Zinc	**22.0**	**24.7**	11	2.5	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**84.1**	84	**85.1**	85	1	
Cadmium	50	**45.0**	90	**45.1**	90	0	
Chromium	100	**104**	92	**105**	92	1	
Copper	50	**77.3**	98	**75.9**	96	2	
Lead	250	**216**	86	**217**	87	1	
Mercury	0.50	**0.515**	103	**0.510**	102	1	
Nickel	100	**102**	90	**103**	90	0	
Zinc	100	**118**	96	**115**	93	3	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10					
Client ID:	**Product-GW-1009**					
Arsenic	**12**	3.3	200.8	10-31-09	10-31-09	
Cadmium	**ND**	4.4	200.8	10-31-09	10-31-09	
Chromium	**30**	11	200.8	10-31-09	10-31-09	
Copper	**110**	11	200.8	10-31-09	10-31-09	
Lead	**14**	1.1	200.8	10-31-09	10-31-09	
Mercury	**ND**	0.5	7470A	10-30-09	10-30-09	
Nickel	**26**	22	200.8	10-31-09	10-31-09	
Zinc	**120**	28	200.8	10-31-09	10-31-09	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1030W1&MB1031W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**12.3**	**12.9**	5	3.3	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**30.1**	**35.8**	17	11	
Copper	**110**	**115**	4	11	
Lead	**14.2**	**14.7**	4	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Nickel	**26.2**	**28.6**	9	22	
Zinc	**117**	**112**	5	28	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**121**	99	**124**	101	3	
Cadmium	110	**111**	101	**110**	100	1	
Chromium	110	**122**	84	**122**	84	0	
Copper	110	**209**	89	**215**	95	3	
Lead	110	**121**	97	**124**	99	2	
Mercury	12.5	**11.6**	93	**12.2**	98	6	
Nickel	110	**124**	89	**131**	95	6	
Zinc	110	**216**	90	**226**	99	5	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13					
Client ID:	**PCS-1**					
Chromium	**ND**	0.020	6010B	10-29-09	10-29-09	
Lead	**ND**	0.20	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	10-28-09
Date Extracted:	10-29-09
Date Analyzed:	10-29-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1029T1

Analyte	Method	Result	PQL
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 10-28-09
Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-185-13

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Chromium	**ND**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 10-28-09
Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-185-13

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Chromium	4.0	**4.20**	105	**4.34**	109	3	
Lead	10	**10.1**	101	**10.3**	103	2	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
Aroclor 1016	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1221	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1232	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1242	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1248	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1254	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1260	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*33-122*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1028S1					
Aroclor 1016	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1221	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1232	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1242	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1248	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1254	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1260	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-13										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.394**	**0.425**	0.500	0.500	ND	**79**	**85**	24-125	8	18	
Surrogate:											
DCB						*88*	*80*	*33-122*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

% MOISTURE

Date Analyzed: 10-23&26-09

Client ID	Lab ID	% Moisture
Tank 3-B-1009	10-185-01	14
Product –W1 Wall-1009	10-185-02	9
Tank 4-B-1009	10-185-03	22
Tank 5-B-1009	10-185-04	16
Stockpile-P1	10-185-05	6
Tank 6-B-1009	10-185-06	11
Stockpile-P2	10-185-07	4
Tank 7-B-1009	10-185-08	12
Product-W2 Wall-1009	10-185-09	11
Stockpile-3	10-185-11	14
Tank 8-B-1009	10-185-12	15
PCS-1	10-185-13	10
Tank 9-B-1009	10-185-14	19
Product-N Wall-1009	10-185-15	21
Product-E1 Wall-1009	10-185-16	11
Product E2 Wall-1009	10-185-17	13
Stockpile-P4	10-185-18	5
Stockpile-P5	10-185-19	7
Product-S Wall-1009	10-185-20	18

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The chromatogram is similar to mineral spirits.

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

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CHAIN-OF-CUSTODY RECORD

10-185 SEA 10009

PROJECT NAME: Kelly - Moore			DATE: 10/22/09 PAGE 1 OF 2
PROJECT NUMBER: 146097	LABORATORY NAME: OnSite	CLIENT INFORMATION: AMEC Geomx	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	2000 University	
TURNAROUND TIME: Std except where noted		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick up / courier	LABORATORY CONTACT: D. Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425-883-3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPH-Gx	NWTPH-Dx	SVOCs (8270)	VOCs (8260)	metals	metals 2	TCLP Pb+Cr	PCBs 8082							Geomoisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/20/09	1450	Tank 3-B-1009	/	/	/	/	/											multiple	S	-	HCl No3 None	Y	N	6	
2	10/21/09	1045	Product-W1 Wall-1009	/	/	/	/	/												S	-	None	Y	N	6	
3		1050	Tank 4-B-1009	/	/	/	/	/												S	-		Y	N	6	
4		1300	Tank 5-B-1009	/	/	/	/	/												S	-		Y	N	6	
5		1335	Stockpile-P1	/	/	/	/	/												S	-		Y	N	6	3 day TAT
6		1450	Tank 6-B-1009	/	/	/	/	/												S	-		Y	N	6	
7	↓	1605	Stockpile-P2	/	/	/	/	/												S	-		Y	N	6	3 day TAT
8	10/22/09	855	Tank 7-B-1009	/	/	/	/	/												S	-		Y	N	6	
9		900	Product-W2 Wall-1009	/	/	/	/	/												S	-	↓	Y	N	6	
10		1025	Product-GW-1009	/	/	/	/	/												W	2	HCl No3	Y	Y	15	
11		1050	Stockpile-P3	/	/	/	/	/												S	-	None	Y	N	6	3 day TAT
12		1105	Tank 8-B-1009	/	/	/	/	/												S	-	None	Y	N	6	
13		1135	PCS-1	/	/	/	/		/	⊗	⊗									S	-	None	Y	N	8	24 Hr TAT
14		1355	Tank 9-B-1009	/	/	/	/	/												S	-	None	Y	N	6	
15	↓	1400	Product-N Wall-1009	/	/	/	/	/												S	-	None	Y	N	6	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/23/09	900	SIGNATURE:	10/23/09	9:00
PRINTED NAME: Abby Bacon			PRINTED NAME: Speedy		
COMPANY: AMEC GMX			COMPANY: #24		
SIGNATURE:	10/23/09	9:40	SIGNATURE:	10/23/09	9:45
PRINTED NAME:			PRINTED NAME: M VOWN		
COMPANY: Speedy #24			COMPANY: OGE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 150

SAMPLING COMMENTS:

metals = As, Cd, Cu, Cr, Pb, Ni, Hg, Zn (6010 & 6020)
Acid wash / Silica Gel cleanup for TPH-Dx
metals 2 = RCRA 8 + Al, Cu, Ni, Sb, Zn
@Added 10/28/09.DB (1 day TAT)

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

CHAIN-OF-CUSTODY RECORD

10-185 SEA 10010

PROJECT NAME: Kelly-Moore			DATE: 10/22/09 PAGE 2 OF 2
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	
TURNAROUND TIME: 24 hr except as noted		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up/courier	LABORATORY CONTACT: E. Daumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425-883-3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

	DATE	TIME	SAMPLE NUMBER	TPH-Gx	NWTPH-Dx	SVOCs (8270)	VOCs (8260)	metals	% moisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
16	10/22/09	1500	Product-E1 Wall-1009	/	/	/	/	/	X	multiple	S	-	None	4	2	6	
17		1515	Product-E2 Wall-1009	/	/	/	/	/			S	-	None	4	2	6	
18		1525	Stockpile - P4	/	/	/	/	/			S	-	None	4	2	6	3 day TAT
19	↓	1530	Stockpile - P5	/	/	/	/	/		↓	S	-	~~Hcl~~ None	4	~~2~~ 3	12	3 day TAT
20	10/20/09	1445	Product-S Wall-1009	/	/	/	/	/	↓	multiple	S	-	None	4	2	6	
21	-	-	TRIP BLANK				/				W					4	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/23/09	900	SIGNATURE:	10/22/09	9am
PRINTED NAME: Abby Bazin			PRINTED NAME: Speedy		
COMPANY: AMEC GMX			COMPANY: #24		
SIGNATURE:	10/23/09	9:40	SIGNATURE:	10/23/09	945
PRINTED NAME:			PRINTED NAME: MVOLN		
COMPANY: Speedy			COMPANY: OBE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

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

November 4, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-238

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 29, 2009.

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

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

Case Narrative

Samples were collected on October 29, 2009, and received by the laboratory on October 29, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx/BTEX 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 chromatograms for samples NW Pipe-5.0-1009 and NW Pipe-0.5-1009 are similar to mineral spirits.

The chromatograms for samples NW Pipe-2.0-1009 and NW Pipe-2.5-1009 are similar to mineral spirits with gasoline range organics.

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

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.

Semivolatiles EPA 8270D/SIM Analysis

Samples NW Pipe-2.0-1009 and NW Pipe-0.5-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

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

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
N-Nitrosodimethylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**2.6**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Naphthalene	**1.1**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**1.4**	0.23	EPA 8270	10-31-09	11-2-09	
1-Methylnaphthalene	**1.2**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
3-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
4-Nitrophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**0.40**	0.23	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Fluorene	**0.082**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.84**	0.23	EPA 8270	10-31-09	11-2-09	
Anthracene	**0.092**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Carbazole	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.69**	0.23	EPA 8270	10-31-09	11-2-09	
Benzidine	**ND**	2.3	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.94**	0.23	EPA 8270	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	2.3	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**0.33**	0.23	EPA 8270	10-31-09	11-2-09	
Chrysene	**0.47**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.52**	0.23	EPA 8270	10-31-09	11-2-09	
Benzo[k]fluoranthene	**0.14**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[a]pyrene	**0.54**	0.23	EPA 8270	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**0.34**	0.23	EPA 8270	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**0.077**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[g,h,i]perylene	**0.47**	0.23	EPA 8270	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*16*	*19 - 97*				Q
Phenol-d6	*87*	*22 - 108*				
Nitrobenzene-d5	*100*	*21 - 106*				
2-Fluorobiphenyl	*92*	*29 - 107*				
2,4,6-Tribromophenol	*70*	*44 - 121*				
Terphenyl-d14	*85*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
N-Nitrosodimethylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Naphthalene	**0.072**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**0.031**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
1-Methylnaphthalene	**0.025**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
3-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
4-Nitrophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
4,6-Dinitro-2-methylphenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.015**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Carbazole	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzidine	**ND**	0.49	EPA 8270	10-31-09	11-2-09	
Pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	0.49	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Chrysene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[k]fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*19 - 97*				
Phenol-d6	*75*	*22 - 108*				
Nitrobenzene-d5	*87*	*21 - 106*				
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*68*	*44 - 121*				
Terphenyl-d14	*75*	*37 - 120*				

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Naphthalene	**0.0083**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**0.010**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
1-Methylnaphthalene	**0.010**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.017**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Anthracene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Carbazole	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.023**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzidine	**ND**	0.38	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.023**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**0.012**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Chrysene	**0.016**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**0.041**	0.038	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.017**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[a]pyrene	**0.015**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**0.012**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[g,h,i]perylene	**0.015**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*19 - 97*				
Phenol-d6	*63*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*69*	*29 - 107*				
2,4,6-Tribromophenol	*63*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Naphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
1-Methylnaphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
2,4-Dinitrophenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Carbazole	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.043**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzidine	**ND**	1.8	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.13**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Chrysene	**0.052**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
bis(2-Ethylhexyl)phthalate	**1.4**	0.18	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.10**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[k]fluoranthene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[a]pyrene	**0.098**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Indeno[1,2,3-cd]pyrene	**0.075**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[g,h,i]perylene	**0.12**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*66*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*136*	*21 - 106*				Q
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*58*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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:	MB1031S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Pyridine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Phenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Aniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Isophorone	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1031S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Carbazole	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzidine	**ND**	0.33	EPA 8270	10-31-09	10-31-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-31-09	10-31-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*78*	*22 - 108*				
Nitrobenzene-d5	*78*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*73*	*44 - 121*				
Terphenyl-d14	*78*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-251-03										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.977**	**0.984**	1.33	1.33	ND	73	74	38 - 97	1	30	
2-Chlorophenol	**0.872**	**0.864**	1.33	1.33	ND	66	65	28 - 102	1	38	
1,4-Dichlorobenzene	**0.361**	**0.373**	0.667	0.667	ND	54	56	14 - 84	3	41	
N-Nitroso-di-n-propylamine	**0.467**	**0.467**	0.667	0.667	ND	70	70	25 - 104	0	39	
1,2,4-Trichlorobenzene	**0.407**	**0.411**	0.667	0.667	ND	61	62	23 - 93	1	37	
4-Chloro-3-methylphenol	**1.07**	**1.05**	1.33	1.33	ND	80	79	49 - 113	2	31	
Acenaphthene	**0.484**	**0.472**	0.667	0.667	ND	73	71	37 - 101	3	40	
4-Nitrophenol	**0.973**	**0.973**	1.33	1.33	ND	73	73	30 - 136	0	31	
2,4-Dinitrotoluene	**0.484**	**0.471**	0.667	0.667	ND	73	71	36 - 122	3	32	
Pentachlorophenol	**0.901**	**0.828**	1.33	1.33	ND	68	62	15 - 143	8	34	
Pyrene	**0.519**	**0.511**	0.667	0.667	ND	78	77	24 - 138	2	39	
Surrogate:											
2-Fluorophenol						*60*	*58*	*19 - 97*			
Phenol-d6						*66*	*64*	*22 - 108*			
Nitrobenzene-d5						*60*	*59*	*21 - 106*			
2-Fluorobiphenyl						*69*	*66*	*29 - 107*			
2,4,6-Tribromophenol						*67*	*65*	*44 - 121*			
Terphenyl-d14						*72*	*69*	*37 - 120*			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-2-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-01
Client ID: NW Pipe-2.0-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.083
Chloromethane	ND		0.41
Vinyl Chloride	ND		0.083
Bromomethane	ND		0.083
Chloroethane	ND		0.41
Trichlorofluoromethane	2.4		0.083
1,1-Dichloroethene	ND		0.083
Acetone	15		8.3
Iodomethane	ND		0.41
Carbon Disulfide	ND		0.083
Methylene Chloride	ND		0.41
(trans) 1,2-Dichloroethene	ND		0.083
Methyl t-Butyl Ether	ND		0.083
1,1-Dichloroethane	ND		0.083
Vinyl Acetate	ND		0.41
2,2-Dichloropropane	ND		0.083
(cis) 1,2-Dichloroethene	ND		0.083
2-Butanone	7.3		0.41
Bromochloromethane	ND		0.083
Chloroform	ND		0.083
1,1,1-Trichloroethane	ND		0.083
Carbon Tetrachloride	ND		0.083
1,1-Dichloropropene	ND		0.083
Benzene	ND		0.083
1,2-Dichloroethane	ND		0.083
Trichloroethene	ND		0.083
1,2-Dichloropropane	ND		0.083
Dibromomethane	ND		0.083
Bromodichloromethane	ND		0.083
2-Chloroethyl Vinyl Ether	ND		0.41
(cis) 1,3-Dichloropropene	ND		0.083
Methyl Isobutyl Ketone	150		8.3
Toluene	79		8.3
(trans) 1,3-Dichloropropene	ND		0.083

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-238-01
Client ID: NW Pipe-2.0-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.083
Tetrachloroethene	ND		0.083
1,3-Dichloropropane	ND		0.083
2-Hexanone	ND		0.41
Dibromochloromethane	ND		0.083
1,2-Dibromoethane	ND		0.083
Chlorobenzene	ND		0.083
1,1,1,2-Tetrachloroethane	ND		0.083
Ethylbenzene	0.42		0.083
m,p-Xylene	1.2		0.17
o-Xylene	0.29		0.083
Styrene	ND		0.083
Bromoform	ND		0.083
Isopropylbenzene	ND		0.083
Bromobenzene	ND		0.083
1,1,2,2-Tetrachloroethane	ND		0.083
1,2,3-Trichloropropane	ND		0.083
n-Propylbenzene	ND		0.083
2-Chlorotoluene	ND		0.083
4-Chlorotoluene	ND		0.083
1,3,5-Trimethylbenzene	ND		0.083
tert-Butylbenzene	ND		0.083
1,2,4-Trimethylbenzene	ND		0.083
sec-Butylbenzene	ND		0.083
1,3-Dichlorobenzene	ND		0.083
p-Isopropyltoluene	ND		0.083
1,4-Dichlorobenzene	ND		0.083
1,2-Dichlorobenzene	ND		0.083
n-Butylbenzene	ND		0.083
1,2-Dibromo-3-chloropropane	ND		0.41
1,2,4-Trichlorobenzene	ND		0.083
Hexachlorobutadiene	ND		0.41
Naphthalene	ND		0.083
1,2,3-Trichlorobenzene	ND		0.083

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	85	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-2-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-02
Client ID: NW Pipe-2.5-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.085
Chloromethane	ND		0.42
Vinyl Chloride	ND		0.085
Bromomethane	ND		0.085
Chloroethane	ND		0.42
Trichlorofluoromethane	ND		0.085
1,1-Dichloroethene	ND		0.085
Acetone	15		0.42
Iodomethane	ND		0.42
Carbon Disulfide	ND		0.085
Methylene Chloride	ND		0.42
(trans) 1,2-Dichloroethene	ND		0.085
Methyl t-Butyl Ether	ND		0.085
1,1-Dichloroethane	ND		0.085
Vinyl Acetate	ND		0.42
2,2-Dichloropropane	ND		0.085
(cis) 1,2-Dichloroethene	ND		0.085
2-Butanone	2.5		0.42
Bromochloromethane	ND		0.085
Chloroform	ND		0.085
1,1,1-Trichloroethane	ND		0.085
Carbon Tetrachloride	ND		0.085
1,1-Dichloropropene	ND		0.085
Benzene	ND		0.085
1,2-Dichloroethane	ND		0.085
Trichloroethene	ND		0.085
1,2-Dichloropropane	ND		0.085
Dibromomethane	ND		0.085
Bromodichloromethane	ND		0.085
2-Chloroethyl Vinyl Ether	ND		0.42
(cis) 1,3-Dichloropropene	ND		0.085
Methyl Isobutyl Ketone	54		8.5
Toluene	ND		0.42
(trans) 1,3-Dichloropropene	ND		0.085

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Date of Report: November 4, 2009
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VOLATILES by EPA 8260B
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Lab ID: 10-238-02
Client ID: NW Pipe-2.5-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.085
Tetrachloroethene	ND		0.085
1,3-Dichloropropane	ND		0.085
2-Hexanone	ND		0.42
Dibromochloromethane	ND		0.085
1,2-Dibromoethane	ND		0.085
Chlorobenzene	ND		0.085
1,1,1,2-Tetrachloroethane	ND		0.085
Ethylbenzene	7.6		0.085
m,p-Xylene	0.88		0.17
o-Xylene	ND		0.085
Styrene	ND		0.085
Bromoform	ND		0.085
Isopropylbenzene	ND		0.085
Bromobenzene	ND		0.085
1,1,2,2-Tetrachloroethane	ND		0.085
1,2,3-Trichloropropane	ND		0.085
n-Propylbenzene	0.091		0.085
2-Chlorotoluene	ND		0.085
4-Chlorotoluene	ND		0.085
1,3,5-Trimethylbenzene	ND		0.085
tert-Butylbenzene	ND		0.085
1,2,4-Trimethylbenzene	ND		0.085
sec-Butylbenzene	ND		0.085
1,3-Dichlorobenzene	ND		0.085
p-Isopropyltoluene	ND		0.085
1,4-Dichlorobenzene	ND		0.085
1,2-Dichlorobenzene	ND		0.085
n-Butylbenzene	ND		0.085
1,2-Dibromo-3-chloropropane	ND		0.42
1,2,4-Trichlorobenzene	ND		0.085
Hexachlorobutadiene	ND		0.42
Naphthalene	ND		0.085
1,2,3-Trichlorobenzene	ND		0.085

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	87	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
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VOLATILES by EPA 8260B
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Date Extracted: 11-2&3-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03
Client ID: NW Pipe-5.0-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.12		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.025		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	0.068		0.0061
Toluene	0.24		0.060
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: November 4, 2009
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VOLATILES by EPA 8260B
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Lab ID: 10-238-03
Client ID: NW Pipe-5.0-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.031		0.0012
m,p-Xylene	0.080		0.0024
o-Xylene	0.0087		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.012		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	0.012		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.0018		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	0.0026		0.0012
sec-Butylbenzene	0.0085		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	0.011		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	102	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-2&3-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-04
Client ID: NW Pipe-0.5-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	0.0060		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.83		0.32
Iodomethane	ND		0.0054
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.047		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	0.20		0.0054
Toluene	1.5		0.32
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-238-04
Client ID: NW Pipe-0.5-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	0.0060		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.063		0.0011
m,p-Xylene	1.9		0.13
o-Xylene	0.57		0.064
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.011		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.027		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	0.78		0.064
tert-Butylbenzene	0.0018		0.0011
1,2,4-Trimethylbenzene	1.4		0.064
sec-Butylbenzene	0.015		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	0.026		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	0.027		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	124	54-130

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METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1102S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: MB1102S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	86	54-130

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Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: MB1103S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0485/0.0464	0.0357	73	0.0334	72	70-130	
Benzene	ND	0.0485/0.0464	0.0381	78	0.0369	80	70-130	
Trichloroethene	ND	0.0485/0.0464	0.0399	82	0.0394	85	70-124	
Toluene	ND	0.0485/0.0464	0.0385	79	0.0401	86	70-130	
Chlorobenzene	ND	0.0485/0.0464	0.0449	92	0.0433	93	72-127	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	3	17	
Trichloroethene	4	13	
Toluene	8	16	
Chlorobenzene	1	15	

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1103S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0547	109	0.0566	113	70-130	
Benzene	0.0500	0.0478	96	0.0480	96	70-128	
Trichloroethene	0.0500	0.0503	101	0.0500	100	70-124	
Toluene	0.0500	0.0478	96	0.0471	94	73-123	
Chlorobenzene	0.0500	0.0533	107	0.0512	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	16	
Benzene	0	15	
Trichloroethene	1	14	
Toluene	1	14	
Chlorobenzene	4	13	

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Date of Report: November 4, 2009
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Project: 14697

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Date Extracted:	10-30-09
Date Analyzed:	10-30-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	10-238-05
Client ID:	**Trip blank**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.34		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-238-05
Client ID: Trip blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	97	76-116
4-Bromofluorobenzene	84	70-123

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1030W2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Samples Submitted: October 29, 2009
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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1030W2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	71-126
Toluene-d8	95	76-116
4-Bromofluorobenzene	83	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB1030W2

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	10.6	106	10.8	108	70-130	
Benzene	10.0	10.9	109	11.3	113	70-130	
Trichloroethene	10.0	10.3	103	10.3	103	70-123	
Toluene	10.0	10.8	108	11.1	111	77-120	
Chlorobenzene	10.0	9.28	93	9.44	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	21	
Benzene	4	18	
Trichloroethene	0	18	
Toluene	3	17	
Chlorobenzene	2	18	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
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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:	10-238-01					
Client ID:	**NW Pipe-2.0-1009**					
Arsenic	**ND**	14	6010B	11-3-09	11-3-09	
Barium	**400**	34	6010B	11-3-09	11-4-09	
Cadmium	**ND**	0.68	6010B	11-3-09	11-3-09	
Chromium	**9.0**	0.68	6010B	11-3-09	11-3-09	
Lead	**28**	6.8	6010B	11-3-09	11-3-09	
Mercury	**ND**	0.34	7471A	11-4-09	11-4-09	
Selenium	**ND**	14	6010B	11-3-09	11-3-09	
Silver	**ND**	0.68	6010B	11-3-09	11-3-09	
Lab ID:	10-238-02					
Client ID:	**NW Pipe-2.5-1009**					
Arsenic	**ND**	15	6010B	11-3-09	11-3-09	
Barium	**1400**	37	6010B	11-3-09	11-4-09	
Cadmium	**ND**	0.73	6010B	11-3-09	11-3-09	
Chromium	**3.1**	0.73	6010B	11-3-09	11-3-09	
Lead	**ND**	7.3	6010B	11-3-09	11-3-09	
Mercury	**0.83**	0.37	7471A	11-4-09	11-4-09	
Selenium	**ND**	15	6010B	11-3-09	11-3-09	
Silver	**ND**	0.73	6010B	11-3-09	11-3-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-03					
Client ID:	**NW Pipe-5.0-1009**					
Arsenic	**ND**	11	6010B	11-3-09	11-3-09	
Barium	**24**	2.9	6010B	11-3-09	11-3-09	
Cadmium	**ND**	0.57	6010B	11-3-09	11-3-09	
Chromium	**9.0**	0.57	6010B	11-3-09	11-3-09	
Lead	**ND**	5.7	6010B	11-3-09	11-3-09	
Mercury	**ND**	0.29	7471A	11-4-09	11-4-09	
Selenium	**ND**	11	6010B	11-3-09	11-3-09	
Silver	**ND**	0.57	6010B	11-3-09	11-3-09	
Lab ID:	10-238-04					
Client ID:	**NW Pipe-0.5-1009**					
Arsenic	**ND**	11	6010B	11-3-09	11-3-09	
Barium	**44**	2.7	6010B	11-3-09	11-3-09	
Cadmium	**ND**	0.54	6010B	11-3-09	11-3-09	
Chromium	**22**	0.54	6010B	11-3-09	11-3-09	
Lead	**24**	5.4	6010B	11-3-09	11-3-09	
Mercury	**6.2**	2.7	7471A	11-4-09	11-4-09	
Selenium	**ND**	11	6010B	11-3-09	11-3-09	
Silver	**ND**	0.54	6010B	11-3-09	11-3-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S3&MB1104S1

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

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**20.9**	**23.0**	9	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.85**	**7.25**	8	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	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**99.7**	100	**98.1**	98	2	
Barium	100	**119**	98	**121**	100	2	
Cadmium	50	**47.4**	95	**47.2**	94	1	
Chromium	100	**104**	97	**105**	97	0	
Lead	250	**216**	87	**219**	88	1	
Mercury	0.50	**0.520**	104	**0.515**	103	1	
Selenium	100	**95.7**	96	**94.0**	94	2	
Silver	25	**24.2**	97	**24.1**	96	0	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
Aroclor 1016	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*33-122*				
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
Aroclor 1016	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**0.69**	0.074	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*33-122*				
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
Aroclor 1016	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*33-122*				

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
Aroclor 1016	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1221	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1232	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1242	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1248	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1254	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1260	**0.16**	0.054	EPA 8082	10-30-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*68*	*33-122*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

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:	MB1030S1					
Aroclor 1016	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-237-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.480**	**0.458**	0.500	0.500	ND	**96**	**92**	24-125	5	18	
Surrogate:											
DCB						*94*	*95*	*33-122*			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01				
Client ID:	**NW Pipe-2.0-1009**				
TPH-Gas	**290**	8.7	10-30-09	10-30-09	Z1
Surrogate: Fluorobenzene	101%	53-126			
Lab ID:	10-238-02				
Client ID:	**NW Pipe-2.5-1009**				
TPH-Gas	**920**	22	10-30-09	11-2-09	Z1
Surrogate: Fluorobenzene	89%	53-126			
Lab ID:	10-238-03				
Client ID:	**NW Pipe-5.0-1009**				
TPH-Gas	**310**	7.0	10-30-09	10-30-09	Z
Surrogate: Fluorobenzene	100%	53-126			
Lab ID:	10-238-04				
Client ID:	**NW Pipe-0.5-1009**				
TPH-Gas	**380**	6.2	10-30-09	11-2-09	Z
Surrogate: Fluorobenzene	92%	53-126			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	100%		

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-01 **Original**	10-228-01 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	100%		

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01				
Client ID:	**NW Pipe-2.0-1009**				
Diesel Range	**ND**	600	10-31-09	11-1-09	Y,U1
Lube Oil	**1300**	68	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	82%	50-150			
Lab ID:	10-238-02				
Client ID:	**NW Pipe-2.5-1009**				
Diesel Range	**ND**	1000	10-31-09	11-1-09	Y,U1
Lube Oil	**220**	73	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	88%	50-150			
Lab ID:	10-238-03				
Client ID:	**NW Pipe-5.0-1009**				
Diesel Range	**ND**	73	10-31-09	11-1-09	Y,U1
Lube Oil Range	**ND**	57	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	102%	50-150			
Lab ID:	10-238-04				
Client ID:	**NW Pipe-0.5-1009**				
Diesel Range	**ND**	180	10-31-09	11-1-09	Y,U1
Lube Oil	**280**	54	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	63%	50-150			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-31-09
Date Analyzed:	11-1-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1031S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	99%
Flags:	Y

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 11-1-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-238-03	10-238-03 DUP
Diesel Range:	**ND**	**ND**
PQL:	64	35
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	102%	89%
Flags:	Y,U1	Y,U1

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

% MOISTURE

Date Analyzed: 10-30-09

Client ID	Lab ID	% Moisture
NW Pipe-2.0-1009	10-238-01	26
NW Pipe-2.5-1009	10-238-02	32
NW Pipe-5.0-1009	10-238-03	13
NW Pipe-0.5-1009	10-238-04	8

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

Z1 - The sample chromatogram is similar to mineral spirits with GRO.

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

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CHAIN-OF-CUSTODY RECORD

SEA 10016

PROJECT NAME: Kelly-Moore			DATE: 10/29/09 PAGE 1 OF 1
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	10-238
TURNAROUND TIME: Standard		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up	LABORATORY CONTACT: Dana Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425 883 3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	SVOCs (8270)	VOCs (8260)	Lead & metals	PCBs	TPH-Gx	TPH-Dx	% Moisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/29/09	810	NW Pipe-2.0-1009	/	/	/	/	/	/	X	8oz jar + VOA	S	Y	None	Y	N	7	
2		820	NW Pipe-2.5-1009	/	/	/	/	/	/			S	Y		Y	N	7	
3		825	NW Pipe-5.0-1009	/	/	/	/	/	/			S	Y		Y	N	7	
4	↓	855	NW Pipe-0.5-1009	/	/	/	/	/	/	↓	↓	S	Y	↓	Y	N	7	
5	—	—	Trip Blank		/						VOA	W	N	HCl	Y	N	2	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/29/09	1400	SIGNATURE:	10/29/09	1400
PRINTED NAME: Abby Bazin			PRINTED NAME:		
COMPANY: AMEC GMX			COMPANY: Speedy		
SIGNATURE: Van	10/29/09	1400	SIGNATURE:	10/29/09	1400
PRINTED NAME:			PRINTED NAME: MVOLN		
COMPANY: Speedy			COMPANY: OSE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: Acid wash/Silica gel cleanup for TPH-Dx

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

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

November 10, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-238B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 29, 2009.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

Case Narrative

Samples were collected on October 29, 2009, and received by the laboratory on October 29, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01					
Client ID:	**NWPipe-2.0-1009**					
Lead	**ND**	0.20	6010B	11-9-09	11-10-09	
Lab ID:	10-238-02					
Client ID:	**NWPipe-2.5-1009**					
Barium	**0.89**	0.20	6010B	11-9-09	11-10-09	
Mercury	**ND**	0.0050	7470A	11-9-09	11-9-09	
Lab ID:	10-238-04					
Client ID:	**NWPipe-0.5-1009**					
Chromium	**ND**	0.020	6010B	11-9-09	11-9-09	
Lead	**ND**	0.20	6010B	11-9-09	11-9-09	
Mercury	**ND**	0.0050	7470A	11-9-09	11-9-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
METHOD BLANK QUALITY CONTROL

Date Prepared:	11-6-09
Date Extracted:	11-9-09
Date Analyzed:	11-9-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1109T1&MB1109T2

Analyte	Method	Result	PQL
Barium	6010B	**ND**	0.20
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20
Mercury	7470A	**ND**	0.0050

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

Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
DUPLICATE QUALITY CONTROL

Date Prepared: 11-6-09
Date Extracted: 11-9-09
Date Analyzed: 11-9-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-238-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Barium	**0.578**	**0.574**	1	0.20	
Chromium	**ND**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	
Mercury	**ND**	**ND**	NA	0.0050	

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

Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
MS/MSD QUALITY CONTROL

Date Prepared: 11-6-09
Date Extracted: 11-9-09
Date Analyzed: 11-9-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-238-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Barium	4.0	**4.85**	107	**4.59**	100	6	
Chromium	4.0	**4.68**	117	**4.42**	111	6	
Lead	10	**11.4**	114	**10.8**	108	5	
Mercury	0.025	**0.0231**	92	**0.0245**	98	6	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

Z1 - The sample chromatogram is similar to mineral spirits with GRO.

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

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

CHAIN-OF-CUSTODY RECORD

SEA 10016

PROJECT NAME: Kelly-Moore			DATE: 10/29/09 PAGE 1 OF 1
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	10-238
TURNAROUND TIME: Standard		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up	LABORATORY CONTACT: Paul Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425 883 3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	SVOCs (8270)	VOCs (8260)	Izpra 8 metals	PCBs	TPH-Gx	TPH-Dx	TCLP Hg	TCLP Pb	TCLP Cr	TCLP Ba				90 MS/MSD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/29/09	810	NW Pipe-2.0-1009	/	/	/	/	/	/		⊗						X	8oz jar + VOA	S	1	None	4	2	7	
2		820	NW Pipe-2.5-1009	/	/	/	/	/	/	⊗			⊗						S	1		4	2	7	
3		825	NW Pipe-5.0-1009	/	/	/	/	/	/										S	1		4	2	7	
4	↓	855	NW Pipe-0.5-1009	/	/	/	/	/	/	⊗	⊗	⊗					↓	↓	S	1	↓	4	2	7	
5	—	—	Trip blank		/													VOA	W	N	HCl	4	2	2	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:			SIGNATURE: Van		
PRINTED NAME: Abby Bazin	10/29/09	1400	PRINTED NAME:	10/29/09	1400
COMPANY: AMEC GMX			COMPANY: Speedy		
SIGNATURE: Van			SIGNATURE:		
PRINTED NAME:	10/29/09	1400	PRINTED NAME: MVOU	10/29/30	1400
COMPANY: Speedy			COMPANY: OSE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: Acid wash/Silica gel cleanup for TPH-Dx

⊗ Added 11/6/09. DB (2 day TAT)

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

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

November 25, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0911-103

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 13, 2009.

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

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

Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

Case Narrative

Samples were collected on November 13, 2009, and received by the laboratory on November 13, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

Some MTCA Method A cleanup levels are non-achievable for samples TP4-8-1109 and Product-W2b Wall-1109 due to the necessary dilution of the samples.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample TP4-1-1109 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 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.

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01				
Client ID:	**TP4-8-1109**				
TPH-Gas	**970**	11	11-18-09	11-18-09	Z
Surrogate: Fluorobenzene	102%	53-126			
Lab ID:	11-103-02				
Client ID:	**Product-W2b Wall-1109**				
TPH-Gas	**760**	110	11-18-09	11-19-09	Z
Surrogate: Fluorobenzene	96%	53-126			
Lab ID:	11-103-03				
Client ID:	**Product-W1b Wall-1109**				
TPH-Gas	**120**	12	11-18-09	11-19-09	Z
Surrogate: Fluorobenzene	100%	53-126			
Lab ID:	11-103-05				
Client ID:	**TP4-1-1109**				
TPH-Gas	**ND**	8.3	11-18-09	11-18-09	
Surrogate: Fluorobenzene	98%	53-126			

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-18-09
Date Analyzed:	11-18-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1118S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	91%		

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-117-15 **Original**	11-117-15 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	107%	110%		

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01				
Client ID:	**TP4-8-1109**				
Diesel Range	**ND**	54	11-20-09	11-20-09	Y,U1
Lube Oil Range	**ND**	55	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	71%	50-150			
Lab ID:	11-103-02				
Client ID:	**Product-W2b Wall-1109**				
Diesel Range	**ND**	97	11-20-09	11-20-09	Y,U1
Lube Oil Range	**ND**	54	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	84%	50-150			
Lab ID:	11-103-03				
Client ID:	**Product-W1b Wall-1109**				
Diesel Range	**ND**	28	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	56	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	86%	50-150			
Lab ID:	11-103-05				
Client ID:	**TP4-1-1109**				
Diesel Range	**ND**	34	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	68	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	77%	50-150			

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1120S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	85%
Flags:	Y

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-132-01	11-132-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	71%	76%
Flags:	Y	Y

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-16-09
Date Analyzed: 11-16&17-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-01
Client ID: TP4-8-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.056
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.056
Bromomethane	ND		0.056
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.056
1,1-Dichloroethene	ND		0.056
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.056
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.056
Methyl t-Butyl Ether	ND		0.056
1,1-Dichloroethane	ND		0.056
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.056
(cis) 1,2-Dichloroethene	ND		0.056
2-Butanone	ND		0.28
Bromochloromethane	ND		0.056
Chloroform	ND		0.056
1,1,1-Trichloroethane	ND		0.056
Carbon Tetrachloride	ND		0.056
1,1-Dichloropropene	ND		0.056
Benzene	ND		0.056
1,2-Dichloroethane	ND		0.056
Trichloroethene	ND		0.056
1,2-Dichloropropane	ND		0.056
Dibromomethane	ND		0.056
Bromodichloromethane	ND		0.056
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.056
Methyl Isobutyl Ketone	ND		0.28
Toluene	ND		0.28
(trans) 1,3-Dichloropropene	ND		0.056

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-103-01
Client ID: TP4-8-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.056
Tetrachloroethene	ND		0.056
1,3-Dichloropropane	ND		0.056
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.056
1,2-Dibromoethane	ND		0.056
Chlorobenzene	ND		0.056
1,1,1,2-Tetrachloroethane	ND		0.056
Ethylbenzene	4.2		1.1
m,p-Xylene	5.1		0.11
o-Xylene	0.32		0.056
Styrene	ND		0.056
Bromoform	ND		0.056
Isopropylbenzene	0.68		0.056
Bromobenzene	ND		0.056
1,1,2,2-Tetrachloroethane	ND		0.056
1,2,3-Trichloropropane	ND		0.056
n-Propylbenzene	1.1		0.056
2-Chlorotoluene	ND		0.056
4-Chlorotoluene	ND		0.056
1,3,5-Trimethylbenzene	0.45		0.056
tert-Butylbenzene	ND		0.056
1,2,4-Trimethylbenzene	1.0		0.056
sec-Butylbenzene	0.10		0.056
1,3-Dichlorobenzene	ND		0.056
p-Isopropyltoluene	0.097		0.056
1,4-Dichlorobenzene	ND		0.056
1,2-Dichlorobenzene	ND		0.056
n-Butylbenzene	ND		0.056
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.056
Hexachlorobutadiene	ND		0.28
Naphthalene	0.18		0.056
1,2,3-Trichlorobenzene	ND		0.056

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	55-125
Toluene-d8	98	56-127
4-Bromofluorobenzene	86	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-16-09
Date Analyzed: 11-17-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-02
Client ID: Product-W2b Wall-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.059
Chloromethane	ND		0.30
Vinyl Chloride	ND		0.059
Bromomethane	ND		0.059
Chloroethane	ND		0.30
Trichlorofluoromethane	ND		0.059
1,1-Dichloroethene	ND		0.059
Acetone	ND		0.30
Iodomethane	ND		0.30
Carbon Disulfide	ND		0.059
Methylene Chloride	ND		0.30
(trans) 1,2-Dichloroethene	ND		0.059
Methyl t-Butyl Ether	ND		0.059
1,1-Dichloroethane	ND		0.059
Vinyl Acetate	ND		0.30
2,2-Dichloropropane	ND		0.059
(cis) 1,2-Dichloroethene	ND		0.059
2-Butanone	ND		0.30
Bromochloromethane	ND		0.059
Chloroform	ND		0.059
1,1,1-Trichloroethane	ND		0.059
Carbon Tetrachloride	ND		0.059
1,1-Dichloropropene	ND		0.059
Benzene	ND		0.059
1,2-Dichloroethane	ND		0.059
Trichloroethene	ND		0.059
1,2-Dichloropropane	ND		0.059
Dibromomethane	ND		0.059
Bromodichloromethane	ND		0.059
2-Chloroethyl Vinyl Ether	ND		0.30
(cis) 1,3-Dichloropropene	ND		0.059
Methyl Isobutyl Ketone	ND		0.30
Toluene	0.47		0.30
(trans) 1,3-Dichloropropene	ND		0.059

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-103-02
Client ID: Product-W2b Wall-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.059
Tetrachloroethene	ND		0.059
1,3-Dichloropropane	ND		0.059
2-Hexanone	ND		0.30
Dibromochloromethane	ND		0.059
1,2-Dibromoethane	ND		0.059
Chlorobenzene	ND		0.059
1,1,1,2-Tetrachloroethane	ND		0.059
Ethylbenzene	1.2		0.059
m,p-Xylene	2.1		0.12
o-Xylene	0.28		0.059
Styrene	ND		0.059
Bromoform	ND		0.059
Isopropylbenzene	0.44		0.059
Bromobenzene	ND		0.059
1,1,2,2-Tetrachloroethane	ND		0.059
1,2,3-Trichloropropane	ND		0.059
n-Propylbenzene	0.52		0.059
2-Chlorotoluene	ND		0.059
4-Chlorotoluene	ND		0.059
1,3,5-Trimethylbenzene	0.071		0.059
tert-Butylbenzene	ND		0.059
1,2,4-Trimethylbenzene	0.12		0.059
sec-Butylbenzene	0.093		0.059
1,3-Dichlorobenzene	ND		0.059
p-Isopropyltoluene	ND		0.059
1,4-Dichlorobenzene	ND		0.059
1,2-Dichlorobenzene	ND		0.059
n-Butylbenzene	0.087		0.059
1,2-Dibromo-3-chloropropane	ND		0.30
1,2,4-Trichlorobenzene	ND		0.059
Hexachlorobutadiene	ND		0.30
Naphthalene	ND		0.059
1,2,3-Trichlorobenzene	ND		0.059

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	55-125
Toluene-d8	100	56-127
4-Bromofluorobenzene	109	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-03
Client ID: Product-W1b Wall-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.21		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.033		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-103-03
Client ID: Product-W1b Wall-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.67		0.063
m,p-Xylene	0.018		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.19		0.063
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.33		0.063
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	0.018		0.0011
tert-Butylbenzene	0.0043		0.0011
1,2,4-Trimethylbenzene	0.042		0.0011
sec-Butylbenzene	0.063		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	0.0072		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	0.038		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	0.0030		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	82	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-05
Client ID: TP4-1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0027
Chloromethane	ND		0.013
Vinyl Chloride	ND		0.0027
Bromomethane	ND		0.0027
Chloroethane	ND		0.013
Trichlorofluoromethane	ND		0.0027
1,1-Dichloroethene	ND		0.0027
Acetone	ND		0.013
Iodomethane	ND		0.013
Carbon Disulfide	ND		0.0027
Methylene Chloride	ND		0.013
(trans) 1,2-Dichloroethene	ND		0.0027
Methyl t-Butyl Ether	ND		0.0027
1,1-Dichloroethane	ND		0.0027
Vinyl Acetate	ND		0.013
2,2-Dichloropropane	ND		0.0027
(cis) 1,2-Dichloroethene	ND		0.0027
2-Butanone	ND		0.013
Bromochloromethane	ND		0.0027
Chloroform	ND		0.0027
1,1,1-Trichloroethane	ND		0.0027
Carbon Tetrachloride	ND		0.0027
1,1-Dichloropropene	ND		0.0027
Benzene	ND		0.0027
1,2-Dichloroethane	ND		0.0027
Trichloroethene	ND		0.0027
1,2-Dichloropropane	ND		0.0027
Dibromomethane	ND		0.0027
Bromodichloromethane	ND		0.0027
2-Chloroethyl Vinyl Ether	ND		0.013
(cis) 1,3-Dichloropropene	ND		0.0027
Methyl Isobutyl Ketone	ND		0.013
Toluene	ND		0.013
(trans) 1,3-Dichloropropene	ND		0.0027

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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Lab ID: 11-103-05
Client ID: TP4-1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0027
Tetrachloroethene	ND		0.0027
1,3-Dichloropropane	ND		0.0027
2-Hexanone	ND		0.013
Dibromochloromethane	ND		0.0027
1,2-Dibromoethane	ND		0.0027
Chlorobenzene	ND		0.0027
1,1,1,2-Tetrachloroethane	ND		0.0027
Ethylbenzene	0.0074		0.0027
m,p-Xylene	0.014		0.0053
o-Xylene	ND		0.0027
Styrene	ND		0.0027
Bromoform	ND		0.0027
Isopropylbenzene	ND		0.0027
Bromobenzene	ND		0.0027
1,1,2,2-Tetrachloroethane	ND		0.0027
1,2,3-Trichloropropane	ND		0.0027
n-Propylbenzene	ND		0.0027
2-Chlorotoluene	ND		0.0027
4-Chlorotoluene	ND		0.0027
1,3,5-Trimethylbenzene	ND		0.0027
tert-Butylbenzene	ND		0.0027
1,2,4-Trimethylbenzene	ND		0.0027
sec-Butylbenzene	ND		0.0027
1,3-Dichlorobenzene	ND		0.0027
p-Isopropyltoluene	ND		0.0027
1,4-Dichlorobenzene	ND		0.0027
1,2-Dichlorobenzene	ND		0.0027
n-Butylbenzene	ND		0.0027
1,2-Dibromo-3-chloropropane	ND		0.013
1,2,4-Trichlorobenzene	ND		0.0027
Hexachlorobutadiene	ND		0.013
Naphthalene	ND		0.0027
1,2,3-Trichlorobenzene	ND		0.0027

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	55-125
Toluene-d8	100	56-127
4-Bromofluorobenzene	78	54-130

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1116S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1116S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	89	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1116S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits
1,1-Dichloroethene	0.0500	0.0570	114	0.0592	118	70-130
Benzene	0.0500	0.0514	103	0.0508	102	70-128
Trichloroethene	0.0500	0.0508	102	0.0513	103	70-124
Toluene	0.0500	0.0485	97	0.0476	95	73-123
Chlorobenzene	0.0500	0.0461	92	0.0463	93	73-115

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	16	
Benzene	1	15	
Trichloroethene	1	14	
Toluene	2	14	
Chlorobenzene	0	13	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 11-103-06
Client ID: Trip Blank

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.20		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 11-103-06
Client ID: Trip Blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	87	70-123

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1116W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1116W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	90	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB1116W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits
1,1-Dichloroethene	10.0	10.6	106	10.9	109	70-130
Benzene	10.0	9.85	99	10.1	101	70-130
Trichloroethene	10.0	9.98	100	9.97	100	70-123
Toluene	10.0	9.83	98	9.81	98	77-120
Chlorobenzene	10.0	10.3	103	10.1	101	73-115

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	21	
Benzene	3	18	
Trichloroethene	0	18	
Toluene	0	17	
Chlorobenzene	2	18	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-8-1109**					
Laboratory ID:	11-103-01					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Naphthalene	**0.091**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**0.040**	0.037	EPA 8270	11-20-09	11-20-09	
1-Methylnaphthalene	**0.018**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-8-1109**					
Laboratory ID:	11-103-01					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluorene	**0.0093**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**0.054**	0.037	EPA 8270	11-20-09	11-20-09	
Anthracene	**0.0084**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**0.046**	0.037	EPA 8270	11-20-09	11-20-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Pyrene	**0.052**	0.037	EPA 8270	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**0.017**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**0.020**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**0.016**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**0.013**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**0.013**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**0.0099**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**0.012**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***68***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***62***	***21 - 106***				
2-Fluorobiphenyl	***74***	***29 - 107***				
2,4,6-Tribromophenol	***85***	***44 - 121***				
Terphenyl-d14	***89***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2b Wall-1109**					
Laboratory ID:	11-103-02					
N-Nitrosodimethylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Naphthalene	**0.014**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**0.011**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**0.0085**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2b Wall-1109**					
Laboratory ID:	11-103-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Fluorene	**0.0076**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.049**	0.036	EPA 8270	11-20-09	11-23-09	
Anthracene	**0.014**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.11**	0.036	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.36	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.14**	0.036	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.043**	0.036	EPA 8270	11-20-09	11-23-09	
Chrysene	**0.054**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.044**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.043**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[a]pyrene	**0.058**	0.036	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.040**	0.036	EPA 8270	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.0083**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.049**	0.036	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***64***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***66***	***21 - 106***				
2-Fluorobiphenyl	***75***	***29 - 107***				
2,4,6-Tribromophenol	***92***	***44 - 121***				
Terphenyl-d14	***99***	***37 - 120***				

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Date of Report: November 25, 2009
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Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1b Wall-1109**					
Laboratory ID:	11-103-03					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1b Wall-1109**					
Laboratory ID:	11-103-03					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.012**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.0098**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.011**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Chrysene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[k]fluoranthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***67***	***19 - 97***				
Phenol-d6	***77***	***22 - 108***				
Nitrobenzene-d5	***63***	***21 - 106***				
2-Fluorobiphenyl	***76***	***29 - 107***				
2,4,6-Tribromophenol	***85***	***44 - 121***				
Terphenyl-d14	***92***	***37 - 120***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B2-1109**					
Laboratory ID:	11-103-04					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B2-1109**					
Laboratory ID:	11-103-04					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.011**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.049**	0.040	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.40	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.056**	0.040	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.045**	0.040	EPA 8270	11-20-09	11-23-09	
Chrysene	**0.065**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.076**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.057**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[a]pyrene	**0.054**	0.040	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.047**	0.040	EPA 8270	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.012**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.055**	0.040	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***91***	***19 - 97***				
Phenol-d6	***90***	***22 - 108***				
Nitrobenzene-d5	***88***	***21 - 106***				
2-Fluorobiphenyl	***87***	***29 - 107***				
2,4,6-Tribromophenol	***91***	***44 - 121***				
Terphenyl-d14	***96***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-1-1109**					
Laboratory ID:	11-103-05					
N-Nitrosodimethylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-1-1109**					
Laboratory ID:	11-103-05					
2,4-Dinitrophenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.024**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.055**	0.046	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.46	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.058**	0.046	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.46	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.034**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Chrysene	**0.050**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.061**	0.046	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.040**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[a]pyrene	**0.055**	0.046	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.028**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.011**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.050**	0.046	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***71***	***19 - 97***				
Phenol-d6	***75***	***22 - 108***				
Nitrobenzene-d5	***74***	***21 - 106***				
2-Fluorobiphenyl	***77***	***29 - 107***				
2,4,6-Tribromophenol	***77***	***44 - 121***				
Terphenyl-d14	***90***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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:	MB1120S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1120S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***70***	***19 - 97***				
Phenol-d6	***74***	***22 - 108***				
Nitrobenzene-d5	***74***	***21 - 106***				
2-Fluorobiphenyl	***78***	***29 - 107***				
2,4,6-Tribromophenol	***93***	***44 - 121***				
Terphenyl-d14	***98***	***37 - 120***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
Laboratory ID:	11-132-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.946**	**1.03**	1.33	1.33	ND	71	77	38 - 97	9	30	
2-Chlorophenol	**0.937**	**1.00**	1.33	1.33	ND	70	75	28 - 102	7	38	
1,4-Dichlorobenzene	**0.350**	**0.391**	0.667	0.667	ND	52	59	14 - 84	11	41	
N-Nitroso-di-n-propylamine	**0.442**	**0.471**	0.667	0.667	ND	66	71	25 - 104	6	39	
1,2,4-Trichlorobenzene	**0.405**	**0.443**	0.667	0.667	ND	61	66	23 - 93	9	37	
4-Chloro-3-methylphenol	**1.03**	**1.11**	1.33	1.33	ND	77	83	49 - 113	7	31	
Acenaphthene	**0.449**	**0.496**	0.667	0.667	ND	67	74	37 - 101	10	40	
4-Nitrophenol	**1.02**	**1.10**	1.33	1.33	ND	77	83	30 - 136	8	31	
2,4-Dinitrotoluene	**0.482**	**0.508**	0.667	0.667	ND	72	76	36 - 122	5	32	
Pentachlorophenol	**1.19**	**1.21**	1.33	1.33	ND	89	91	15 - 143	2	34	
Pyrene	**0.569**	**0.811**	0.667	0.667	0.0663	75	112	24 - 138	35	39	
Surrogate:											
2-Fluorophenol						***72***	***77***	***19 - 97***			
Phenol-d6						***71***	***76***	***22 - 108***			
Nitrobenzene-d5						***71***	***76***	***21 - 106***			
2-Fluorobiphenyl						***73***	***79***	***29 - 107***			
2,4,6-Tribromophenol						***83***	***89***	***44 - 121***			
Terphenyl-d14						***86***	***92***	***37 - 120***			

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01					
Client ID:	**TP4-8-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.55	6010B	11-20-09	11-20-09	
Chromium	**6.8**	0.55	6010B	11-20-09	11-20-09	
Copper	**8.1**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.5	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**6.8**	2.8	6010B	11-20-09	11-20-09	
Zinc	**18**	2.8	6010B	11-20-09	11-20-09	
Lab ID:	11-103-02					
Client ID:	**Product-W2bWall-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.54	6010B	11-20-09	11-20-09	
Chromium	**9.4**	0.54	6010B	11-20-09	11-20-09	
Copper	**8.8**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.4	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.27	7471A	11-20-09	11-20-09	
Nickel	**9.3**	2.7	6010B	11-20-09	11-20-09	
Zinc	**17**	2.7	6010B	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-03					
Client ID:	**Product-W1bWall-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.56	6010B	11-20-09	11-20-09	
Chromium	**9.0**	0.56	6010B	11-20-09	11-20-09	
Copper	**7.2**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.6	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**6.9**	2.8	6010B	11-20-09	11-20-09	
Zinc	**16**	2.8	6010B	11-20-09	11-20-09	
Lab ID:	11-103-05					
Client ID:	**TP4-1-1109**					
Arsenic	**ND**	14	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.68	6010B	11-20-09	11-20-09	
Chromium	**13**	0.68	6010B	11-20-09	11-20-09	
Copper	**110**	1.4	6010B	11-20-09	11-20-09	
Lead	**52**	6.8	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.34	7471A	11-20-09	11-20-09	
Nickel	**25**	3.4	6010B	11-20-09	11-20-09	
Zinc	**67**	3.4	6010B	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1120S1&MB1120S2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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

Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**16.3**	**20.0**	20	0.50	
Copper	**13.2**	**12.3**	7	1.0	
Lead	**8.77**	**6.34**	32	5.0	C
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**19.6**	**18.9**	4	2.5	
Zinc	**61.0**	**66.6**	9	2.5	

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

Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.9**	95	**83.8**	84	12	
Cadmium	50	**48.2**	96	**42.8**	86	12	
Chromium	100	**114**	97	**102**	85	11	
Copper	50	**62.0**	98	**55.5**	85	11	
Lead	250	**238**	92	**211**	81	12	
Mercury	0.50	**0.491**	98	**0.487**	97	1	
Nickel	100	**116**	96	**105**	86	9	
Zinc	100	**153**	92	**144**	83	6	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

% MOISTURE

Date Analyzed: 11-16-09

Client ID	Lab ID	% Moisture
TP4-8-1109	11-103-01	9
Product-W2b Wall-1109	11-103-02	8
Product-W1b Wall-1109	11-103-03	11
Tank 4-B2-1109	11-103-04	16
TP4-1-1109	11-103-05	27

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

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

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Tway
Sampled by: Emerald Eidson

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 11-103

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	total Metals (As, Cd, Cu, Cr, Pb, Ni, Hg, Zn)	% Moisture
1	TP4-8-1109	11/13/09	925	Soil	6		/	/	/		/								/	X
2	Product-W2b Wall-1109	↓	1055	Soil	6		/	/	/		/								/	↓
3	Product-W1b Wall-1109		1110	Soil	6		/	/	/		/								/	
4	Tank 4-B2-1109		1120	Soil	6		/320	/320	/320		/								/320	
5	TP4-1-1109		1215	Soil	6		/	/	/		/								/	
6	Trip Blank	—	—	H_2O	2				/											

	Signature	Company	Date	Time
Relinquished by	Emerald Eidson	AMEC GMX	11/13/09	3:38
Received by		Speedy	11/13/09	3:38
Relinquished by		"	"	5:05
Received by			11/13/09	1715
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

November 30, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697.000
Laboratory Reference No. 0911-132

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 18, 2009.

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

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

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

Case Narrative

Samples were collected on November 17, 2009, and received by the laboratory on November 18, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

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

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01				
Client ID:	**Pipe-C1-1109**				
TPH-Gas	**15**	6.1	11-18-09	11-19-09	
Surrogate: Fluorobenzene	106%	53-126			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1118S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	89%		

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

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-117-04 **Original**	11-117-04 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	96%	98%		

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01				
Client ID:	**Pipe-C1-1109**				
Diesel Range	**ND**	28	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	56	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	71%	50-150			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1120S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	85%
Flags:	Y

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-132-01	11-132-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	71%	76%
Flags:	Y	Y

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01
Client ID: Pipe-C1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.036		0.0054
Iodomethane	ND		0.0054
Carbon Disulfide	0.0015		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.0060		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0054
Toluene	ND		0.0054
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
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Lab ID: 11-132-01
Client ID: Pipe-C1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	116	55-125
Toluene-d8	105	56-127
4-Bromofluorobenzene	91	54-130

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1119S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1119S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	118	55-125
Toluene-d8	110	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1119S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0579	116	0.0635	127	70-130	
Benzene	0.0500	0.0528	106	0.0568	114	70-128	
Trichloroethene	0.0500	0.0535	107	0.0555	111	70-124	
Toluene	0.0500	0.0511	102	0.0513	103	73-123	
Chlorobenzene	0.0500	0.0462	92	0.0482	96	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	9	16	
Benzene	7	15	
Trichloroethene	4	14	
Toluene	0	14	
Chlorobenzene	4	13	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-C1-1109**					
Laboratory ID:	11-132-01					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-C1-1109**					
Laboratory ID:	11-132-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**0.010**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluorene	**0.0093**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**0.041**	0.037	EPA 8270	11-20-09	11-20-09	
Anthracene	**0.021**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**0.082**	0.037	EPA 8270	11-20-09	11-20-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Pyrene	**0.074**	0.037	EPA 8270	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**0.028**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**0.044**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**0.20**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**0.038**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[k]fluoranthene	**0.029**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**0.039**	0.037	EPA 8270	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**0.029**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**0.010**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**0.041**	0.037	EPA 8270	11-20-09	11-20-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*66*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*74*	*29 - 107*				
2,4,6-Tribromophenol	*83*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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:	MB1120S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1120S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*74*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*93*	*44 - 121*				
Terphenyl-d14	*98*	*37 - 120*				

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	11-132-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.946**	**1.03**	1.33	1.33	ND	71	77	38 - 97	9	30	
2-Chlorophenol	**0.937**	**1.00**	1.33	1.33	ND	70	75	28 - 102	7	38	
1,4-Dichlorobenzene	**0.350**	**0.391**	0.667	0.667	ND	52	59	14 - 84	11	41	
N-Nitroso-di-n-propylamine	**0.442**	**0.471**	0.667	0.667	ND	66	71	25 - 104	6	39	
1,2,4-Trichlorobenzene	**0.405**	**0.443**	0.667	0.667	ND	61	66	23 - 93	9	37	
4-Chloro-3-methylphenol	**1.03**	**1.11**	1.33	1.33	ND	77	83	49 - 113	7	31	
Acenaphthene	**0.449**	**0.496**	0.667	0.667	ND	67	74	37 - 101	10	40	
4-Nitrophenol	**1.02**	**1.10**	1.33	1.33	ND	77	83	30 - 136	8	31	
2,4-Dinitrotoluene	**0.482**	**0.508**	0.667	0.667	ND	72	76	36 - 122	5	32	
Pentachlorophenol	**1.19**	**1.21**	1.33	1.33	ND	89	91	15 - 143	2	34	
Pyrene	**0.569**	**0.811**	0.667	0.667	0.0663	75	112	24 - 138	35	39	
Surrogate:											
2-Fluorophenol						*72*	*77*	*19 - 97*			
Phenol-d6						*71*	*76*	*22 - 108*			
Nitrobenzene-d5						*71*	*76*	*21 - 106*			
2-Fluorobiphenyl						*73*	*79*	*29 - 107*			
2,4,6-Tribromophenol						*83*	*89*	*44 - 121*			
Terphenyl-d14						*86*	*92*	*37 - 120*			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01					
Client ID:	**Pipe-C1-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.56	6010B	11-20-09	11-20-09	
Chromium	**18**	0.56	6010B	11-20-09	11-20-09	
Copper	**15**	1.1	6010B	11-20-09	11-20-09	
Lead	**9.8**	5.6	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**22**	2.8	6010B	11-20-09	11-20-09	
Zinc	**68**	2.8	6010B	11-20-09	11-20-09	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1120S1&MB1120S2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**16.3**	**20.0**	20	0.50	
Copper	**13.2**	**12.3**	7	1.0	
Lead	**8.77**	**6.34**	32	5.0	C
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**19.6**	**18.9**	4	2.5	
Zinc	**61.0**	**66.6**	9	2.5	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.9**	95	**83.8**	84	12	
Cadmium	50	**48.2**	96	**42.8**	86	12	
Chromium	100	**114**	97	**102**	85	11	
Copper	50	**62.0**	98	**55.5**	85	11	
Lead	250	**238**	92	**211**	81	12	
Mercury	0.50	**0.491**	98	**0.487**	97	1	
Nickel	100	**116**	96	**105**	86	9	
Zinc	100	**153**	92	**144**	83	6	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

% MOISTURE

Date Analyzed: 11-19-09

Client ID	Lab ID	% Moisture
Pipe-C1-1109	11-132-01	11

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z -

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

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697.000
Project Name: Kelly Moore Paint Co.
Project Manager: Tasya Gray
Sampled by: Emerald Einlesen

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 11-132

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	As, Cd, Cr, Pb, Ni, Zn						% Moisture
√	Pipe-CJ-1109	11/17/09	14:40	soil	6		X	X	X		X								X						X

	Signature	Company	Date	Time
Relinquished by		AMEC GMX	11/18/09	11:25Am
Received by		Speedy	11.18.09	1125am
Relinquished by		"	"	1325
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

December 2, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0911-192

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 24, 2009.

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

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

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

Case Narrative

Samples were collected on November 23 and 24, 2009, and received by the laboratory on November 24, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

Some MTCA Method A cleanup levels are non-achievable for sample B7-Trench-1-1109 due to the necessary dilution of the sample.

Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample B7-Trench-1-1109 due to the high concentration of coeluting compounds.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample B7-Trench-3-1109 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.

Total Metals EPA 6010B/7471A Analysis

The duplicate RPD for Lead is outside control limits due to sample inhomogeniety.

The Matrix Spike/ Matrix Spike Duplicate recoveries for Lead are outside control limits due to matrix interferences. The Spike Blank recovery was 99%.

Semivolatiles EPA 8270D/SIM Analysis

Sample B7-Trench-2-1109 had three surrogates outside of control limits, due to high concentrations of coeluting target compound, and are flagged with an “F” indicator.

Please note 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.

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

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02				
Client ID:	**B7-Trench-1-1109**				
TPH-Gas	**30000**	1000	11-30-09	11-30-09	Z1
Surrogate: Fluorobenzene	---	53-126			S
Lab ID:	11-192-03				
Client ID:	**B7-Trench-2-1109**				
TPH-Gas	**33000**	1300	11-30-09	11-30-09	Z2
Surrogate: Fluorobenzene	---	53-126			S
Lab ID:	11-192-04				
Client ID:	**B7-Trench-3-1109**				
TPH-Gas	**72**	6.2	11-30-09	11-30-09	Z3
Surrogate: Fluorobenzene	97%	53-126			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-30-09
Date Analyzed:	11-30-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1130S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	89%		

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-192-04 **Original**	11-192-04 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**64.3**	**71.4**	10	
Surrogate Recovery:				
Fluorobenzene	97%	101%		

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02				
Client ID:	**B7-Trench-1-1109**				
Diesel Range	**21000**	27	11-25-09	11-25-09	Y,M
Lube Oil	**320**	54	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	80%	50-150			
Lab ID:	11-192-03				
Client ID:	**B7-Trench-2-1109**				
Diesel Range	**6500**	28	11-25-09	11-25-09	Y,M
Lube Oil	**450**	56	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	89%	50-150			
Lab ID:	11-192-04				
Client ID:	**B7-Trench-3-1109**				
Diesel Range Organics	**380**	28	11-25-09	11-25-09	Y,M
Lube Oil	**1400**	56	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	78%	50-150			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1125S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	80%
Flags:	Y

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-192-04	11-192-04 DUP
Diesel Range:	**337**	**344**
PQL:	25	25
RPD:	2	
Surrogate Recovery		
o-Terphenyl:	78%	83%
Flags:	Y,M	Y,M

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-02
Client ID: B7-Trench-1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.1
Chloromethane	ND		5.5
Vinyl Chloride	ND		1.1
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND		1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	11		5.5
(trans) 1,3-Dichloropropene	ND		1.1

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-192-02
Client ID: B7-Trench-1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.1
Tetrachloroethene	ND		1.1
1,3-Dichloropropane	ND		1.1
2-Hexanone	ND		5.5
Dibromochloromethane	ND		1.1
1,2-Dibromoethane	ND		1.1
Chlorobenzene	ND		1.1
1,1,1,2-Tetrachloroethane	ND		1.1
Ethylbenzene	1.8		1.1
m,p-Xylene	17		2.2
o-Xylene	3.6		1.1
Styrene	ND		1.1
Bromoform	ND		1.1
Isopropylbenzene	1.4		1.1
Bromobenzene	ND		1.1
1,1,2,2-Tetrachloroethane	ND		1.1
1,2,3-Trichloropropane	ND		1.1
n-Propylbenzene	4.8		1.1
2-Chlorotoluene	ND		1.1
4-Chlorotoluene	ND		1.1
1,3,5-Trimethylbenzene	20		1.1
tert-Butylbenzene	ND		1.1
1,2,4-Trimethylbenzene	62		1.1
sec-Butylbenzene	2.2		1.1
1,3-Dichlorobenzene	ND		1.1
p-Isopropyltoluene	3.0		1.1
1,4-Dichlorobenzene	ND		1.1
1,2-Dichlorobenzene	ND		1.1
n-Butylbenzene	10		1.1
1,2-Dibromo-3-chloropropane	ND		5.5
1,2,4-Trichlorobenzene	ND		1.1
Hexachlorobutadiene	ND		5.5
Naphthalene	ND		1.1
1,2,3-Trichlorobenzene	ND		1.1

Surrogate	Percent Recovery		Control Limits
Dibromofluoromethane	86		55-125
Toluene-d8	84		56-127
4-Bromofluorobenzene	140	Q	54-130

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-03
Client ID: B7-Trench-2-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.2
Chloromethane	ND		6.2
Vinyl Chloride	ND		1.2
Bromomethane	ND		1.2
Chloroethane	ND		6.2
Trichlorofluoromethane	ND		1.2
1,1-Dichloroethene	ND		1.2
Acetone	ND		6.2
Iodomethane	ND		6.2
Carbon Disulfide	ND		1.2
Methylene Chloride	ND		6.2
(trans) 1,2-Dichloroethene	ND		1.2
Methyl t-Butyl Ether	ND		1.2
1,1-Dichloroethane	ND		1.2
Vinyl Acetate	ND		6.2
2,2-Dichloropropane	ND		1.2
(cis) 1,2-Dichloroethene	ND		1.2
2-Butanone	14		6.2
Bromochloromethane	ND		1.2
Chloroform	ND		1.2
1,1,1-Trichloroethane	ND		1.2
Carbon Tetrachloride	ND		1.2
1,1-Dichloropropene	ND		1.2
Benzene	ND		1.2
1,2-Dichloroethane	ND		1.2
Trichloroethene	ND		1.2
1,2-Dichloropropane	ND		1.2
Dibromomethane	ND		1.2
Bromodichloromethane	ND		1.2
2-Chloroethyl Vinyl Ether	ND		6.2
(cis) 1,3-Dichloropropene	ND		1.2
Methyl Isobutyl Ketone	25		6.2
Toluene	140		6.2
(trans) 1,3-Dichloropropene	ND		1.2

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-192-03
Client ID: B7-Trench-2-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.2
Tetrachloroethene	ND		1.2
1,3-Dichloropropane	ND		1.2
2-Hexanone	ND		6.2
Dibromochloromethane	ND		1.2
1,2-Dibromoethane	ND		1.2
Chlorobenzene	ND		1.2
1,1,1,2-Tetrachloroethane	ND		1.2
Ethylbenzene	890		62
m,p-Xylene	4400		120
o-Xylene	1100		62
Styrene	ND		1.2
Bromoform	ND		1.2
Isopropylbenzene	20		1.2
Bromobenzene	ND		1.2
1,1,2,2-Tetrachloroethane	ND		1.2
1,2,3-Trichloropropane	ND		1.2
n-Propylbenzene	28		1.2
2-Chlorotoluene	ND		1.2
4-Chlorotoluene	ND		1.2
1,3,5-Trimethylbenzene	54		1.2
tert-Butylbenzene	ND		1.2
1,2,4-Trimethylbenzene	210		1.2
sec-Butylbenzene	9.6		1.2
1,3-Dichlorobenzene	ND		1.2
p-Isopropyltoluene	11		1.2
1,4-Dichlorobenzene	ND		1.2
1,2-Dichlorobenzene	ND		1.2
n-Butylbenzene	21		1.2
1,2-Dibromo-3-chloropropane	ND		6.2
1,2,4-Trichlorobenzene	ND		1.2
Hexachlorobutadiene	ND		6.2
Naphthalene	17		1.2
1,2,3-Trichlorobenzene	ND		1.2

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	119	54-130

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-04
Client ID: B7-Trench-3-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0058
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0058
Trichlorofluoromethane	0.078		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0058
Iodomethane	ND		0.0058
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0058
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0058
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0058
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0058
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0058
Toluene	ND		0.0058
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-192-04
Client ID: B7-Trench-3-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	0.0035		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0058
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.0022		0.0012
m,p-Xylene	0.021		0.0023
o-Xylene	0.0080		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.0013		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	0.0018		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0058
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0058
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	67	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1125S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB1125S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	95	54-130

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1125S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0401	80	0.0456	91	70-130	
Benzene	0.0500	0.0420	84	0.0450	90	70-128	
Trichloroethene	0.0500	0.0464	93	0.0435	87	70-124	
Toluene	0.0500	0.0452	90	0.0405	81	73-123	
Chlorobenzene	0.0500	0.0525	105	0.0509	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	13	16	
Benzene	7	15	
Trichloroethene	7	14	
Toluene	11	14	
Chlorobenzene	3	13	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-1-1109**					
Laboratory ID:	11-192-02					
N-Nitrosodimethylamine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Pyridine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Phenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Aniline	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethyl)ether	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Chlorophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,3-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,4-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Benzyl alcohol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,2-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Methylphenol (o-Cresol)	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroisopropyl)ether	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
N-Nitroso-di-n-propylamine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachloroethane	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Nitrobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Isophorone	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Nitrophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2,4-Dimethylphenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethoxy)methane	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2,4-Dichlorophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,2,4-Trichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Naphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
4-Chloroaniline	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachlorobutadiene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
4-Chloro-3-methylphenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Methylnaphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1-Methylnaphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-1-1109**					
Laboratory ID:	11-192-02					
2,4-Dinitrophenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.19**	0.18	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Fluorene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**0.65**	0.18	EPA 8270	11-30-09	11-30-09	
Anthracene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Carbazole	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**2.5**	0.18	EPA 8270	11-30-09	11-30-09	
Benzidine	**ND**	1.8	EPA 8270	11-30-09	11-30-09	
Pyrene	**2.2**	0.18	EPA 8270	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**2.0**	0.18	EPA 8270	11-30-09	11-30-09	
Chrysene	**2.7**	0.18	EPA 8270	11-30-09	11-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**2.8**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[k]fluoranthene	**2.3**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[a]pyrene	**2.0**	0.18	EPA 8270	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**1.4**	0.18	EPA 8270	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**0.64**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**1.6**	0.18	EPA 8270	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***31***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***52***	***21 - 106***				
2-Fluorobiphenyl	***103***	***29 - 107***				
2,4,6-Tribromophenol	***92***	***44 - 121***				
Terphenyl-d14	***98***	***37 - 120***				

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

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-2-1109**					
Laboratory ID:	11-192-03					
N-Nitrosodimethylamine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Pyridine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Phenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Aniline	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethyl)ether	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Chlorophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,3-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,4-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Benzyl alcohol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,2-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Methylphenol (o-Cresol)	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroisopropyl)ether	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
N-Nitroso-di-n-propylamine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachloroethane	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Nitrobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Isophorone	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Nitrophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2,4-Dimethylphenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethoxy)methane	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2,4-Dichlorophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,2,4-Trichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Naphthalene	**26**	3.7	EPA 8270	11-30-09	12-1-09	
4-Chloroaniline	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachlorobutadiene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
4-Chloro-3-methylphenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Methylnaphthalene	**7.4**	3.7	EPA 8270	11-30-09	12-1-09	
1-Methylnaphthalene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-2-1109**					
Laboratory ID:	11-192-03					
2,4-Dinitrophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.51**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**0.27**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluorene	**0.33**	0.19	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**1.6**	0.19	EPA 8270	11-30-09	11-30-09	
Anthracene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Carbazole	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**7.1**	0.19	EPA 8270	11-30-09	11-30-09	
Benzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Pyrene	**6.4**	0.19	EPA 8270	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**7.4**	0.19	EPA 8270	11-30-09	11-30-09	
Chrysene	**12**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**12**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[k]fluoranthene	**6.9**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[a]pyrene	**7.2**	0.19	EPA 8270	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**6.4**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**3.0**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**7.2**	0.19	EPA 8270	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***.---***	***19 - 97***				F
Phenol-d6	***.---***	***22 - 108***				F
Nitrobenzene-d5	***.---***	***21 - 106***				F
2-Fluorobiphenyl	***105***	***29 - 107***				
2,4,6-Tribromophenol	***101***	***44 - 121***				
Terphenyl-d14	***102***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-3-1109**					
Laboratory ID:	11-192-04					
N-Nitrosodimethylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pyridine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Phenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Aniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethyl)ether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzyl alcohol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Methylphenol (o-Cresol)	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroisopropyl)ether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
(3+4)-Methylphenol (m,p-Cresol)	**0.22**	0.19	EPA 8270	11-30-09	11-30-09	
N-Nitroso-di-n-propylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachloroethane	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Nitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Isophorone	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dimethylphenol	**0.22**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethoxy)methane	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2,4-Trichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Naphthalene	**1.3**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobutadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chloro-3-methylphenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Methylnaphthalene	**0.46**	0.19	EPA 8270	11-30-09	11-30-09	
1-Methylnaphthalene	**0.24**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**2.4**	0.19	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-3-1109**					
Laboratory ID:	11-192-04					
2,4-Dinitrophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.20**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**0.40**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluorene	**1.5**	0.19	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**10**	0.19	EPA 8270	11-30-09	11-30-09	
Anthracene	**5.9**	0.19	EPA 8270	11-30-09	11-30-09	
Carbazole	**0.49**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**29**	3.7	EPA 8270	11-30-09	12-1-09	
Benzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Pyrene	**27**	3.7	EPA 8270	11-30-09	12-1-09	
Butylbenzylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**20**	3.7	EPA 8270	11-30-09	12-1-09	
Chrysene	**24**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**22**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[k]fluoranthene	**19**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[a]pyrene	**21**	3.7	EPA 8270	11-30-09	12-1-09	
Indeno[1,2,3-cd]pyrene	**14**	3.7	EPA 8270	11-30-09	12-1-09	
Dibenz[a,h]anthracene	**5.0**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**16**	3.7	EPA 8270	11-30-09	12-1-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***79***	***19 - 97***				
Phenol-d6	***85***	***22 - 108***				
Nitrobenzene-d5	***99***	***21 - 106***				
2-Fluorobiphenyl	***94***	***29 - 107***				
2,4,6-Tribromophenol	***81***	***44 - 121***				
Terphenyl-d14	***94***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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:	MB1130S2					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Pyridine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Phenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Aniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Isophorone	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1130S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Carbazole	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzidine	**ND**	0.33	EPA 8270	11-30-09	11-30-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***84***	***19 - 97***				
Phenol-d6	***89***	***22 - 108***				
Nitrobenzene-d5	***94***	***21 - 106***				
2-Fluorobiphenyl	***89***	***29 - 107***				
2,4,6-Tribromophenol	***89***	***44 - 121***				
Terphenyl-d14	***96***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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:	SB1130S2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**1.10**	**1.12**	1.33	1.33	83	84	27 - 100	2	37	
2-Chlorophenol	**1.06**	**1.06**	1.33	1.33	80	80	23 - 104	0	43	
1,4-Dichlorobenzene	**0.480**	**0.457**	0.667	0.667	72	69	23 - 86	5	40	
N-Nitroso-di-n-propylamine	**0.520**	**0.528**	0.667	0.667	78	79	28 - 96	2	37	
1,2,4-Trichlorobenzene	**0.489**	**0.467**	0.667	0.667	73	70	25 - 90	5	40	
4-Chloro-3-methylphenol	**1.10**	**1.20**	1.33	1.33	83	90	44 - 106	9	31	
Acenaphthene	**0.483**	**0.515**	0.667	0.667	72	77	39 - 93	6	28	
4-Nitrophenol	**1.08**	**1.22**	1.33	1.33	81	92	30 - 124	12	31	
2,4-Dinitrotoluene	**0.514**	**0.569**	0.667	0.667	77	85	53 - 109	10	34	
Pentachlorophenol	**1.20**	**1.38**	1.33	1.33	90	104	47 - 122	14	33	
Pyrene	**0.550**	**0.631**	0.667	0.667	82	95	55 - 108	14	29	
Surrogate:										
2-Fluorophenol					***81***	***81***	***19 - 97***			
Phenol-d6					***85***	***85***	***22 - 108***			
Nitrobenzene-d5					***88***	***88***	***21 - 106***			
2-Fluorobiphenyl					***83***	***86***	***29 - 107***			
2,4,6-Tribromophenol					***83***	***92***	***44 - 121***			
Terphenyl-d14					***91***	***102***	***37 - 120***			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Lab Traveler: 0911-192
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench -1-1109**					
Laboratory ID:	11-192-02					
Aroclor 1016	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***89***	***33-122***				
Client ID:	**B7-Trench -2-1109**					
Laboratory ID:	11-192-03					
Aroclor 1016	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***75***	***33-122***				
Client ID:	**B7-Trench -3-1109**					
Laboratory ID:	11-192-04					
Aroclor 1016	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**0.092**	0.056	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***33-122***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Lab Traveler: 0911-192
Project: 14697

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:	MB1125S1					
Aroclor 1016	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***90***	***33-122***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	11-195-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.396**	**0.419**	0.500	0.500	ND	**79**	**84**	24-125	6	18	
Surrogate:											
DCB						***75***	***82***	***33-122***			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Concrete
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-01					
Client ID:	**Concrete-Bldg7-1109**					
Arsenic	**20**	10	6010B	11-30-09	11-30-09	
Barium	**83**	2.5	6010B	11-30-09	11-30-09	
Cadmium	**ND**	0.50	6010B	11-30-09	11-30-09	
Chromium	**26**	0.50	6010B	11-30-09	11-30-09	
Lead	**85**	5.0	6010B	11-30-09	11-30-09	
Mercury	**ND**	0.25	7471A	11-25-09	11-25-09	
Selenium	**ND**	10	6010B	11-30-09	11-30-09	
Silver	**ND**	0.50	6010B	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: MB1130S1

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Concrete
Units:	mg/kg (ppm)
Lab ID:	MB1125S2

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
DUPLICATE QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-192-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**19.9**	**19.7**	1	10	
Barium	**83.3**	**78.6**	6	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**26.1**	**27.2**	4	0.50	
Lead	**85.5**	**58.2**	38	5.0	K
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-172-02

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

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
MS/MSD QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-192-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**104**	84	**105**	85	1	
Barium	100	**166**	82	**175**	92	5	
Cadmium	50	**47.5**	95	**46.7**	93	2	
Chromium	100	**120**	94	**118**	92	2	
Lead	250	**257**	69	**251**	66	3	V
Selenium	100	**88.9**	89	**90.0**	90	1	
Silver	25	**21.8**	87	**21.5**	86	2	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
MS/MSD QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	**0.485**	97	**0.479**	96	1	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02					
Client ID:	**B7-Trench-1-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**37**	2.7	6010B	11-24-09	11-24-09	
Cadmium	**ND**	0.54	6010B	11-24-09	11-24-09	
Chromium	**19**	0.54	6010B	11-24-09	11-24-09	
Lead	**34**	5.4	6010B	11-24-09	11-24-09	
Mercury	**0.28**	0.27	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.54	6010B	11-24-09	11-24-09	
Lab ID:	11-192-03					
Client ID:	**B7-Trench-2-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**39**	2.8	6010B	11-24-09	11-24-09	
Cadmium	**ND**	0.56	6010B	11-24-09	11-24-09	
Chromium	**16**	0.56	6010B	11-24-09	11-24-09	
Lead	**25**	5.6	6010B	11-24-09	11-24-09	
Mercury	**ND**	0.28	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.56	6010B	11-24-09	11-24-09	
Lab ID:	11-192-04					
Client ID:	**B7-Trench-3-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**93**	2.8	6010B	11-24-09	11-24-09	
Cadmium	**1.8**	0.56	6010B	11-24-09	11-24-09	
Chromium	**15**	0.56	6010B	11-24-09	11-24-09	
Lead	**200**	5.6	6010B	11-24-09	11-24-09	
Mercury	**ND**	0.28	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.56	6010B	11-24-09	11-24-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1124S1&MB1125S2

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**39.2**	**42.8**	9	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.33**	**7.28**	1	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	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**90.1**	90	**93.4**	93	4	
Barium	100	**138**	99	**135**	96	2	
Cadmium	50	**48.2**	96	**48.1**	96	0	
Chromium	100	**105**	98	**113**	105	7	
Lead	250	**230**	92	**232**	93	1	
Mercury	0.50	**0.485**	97	**0.479**	96	1	
Selenium	100	**92.3**	92	**91.7**	92	1	
Silver	25	**22.4**	89	**22.2**	89	1	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-01					
Client ID:	**Concrete-Bldg7-1109**					
Arsenic	**ND**	0.40	6010B	12-2-09	12-2-09	
Barium	**0.40**	0.20	6010B	12-2-09	12-2-09	
Chromium	**0.023**	0.020	6010B	12-2-09	12-2-09	
Lead	**ND**	0.20	6010B	12-2-09	12-2-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	12-1-09
Date Extracted:	12-2-09
Date Analyzed:	12-2-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1202T1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	0.40
Barium	6010B	**ND**	0.20
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 12-1-09
Date Extracted: 12-2-09
Date Analyzed: 12-2-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-192-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	0.40	
Barium	**0.399**	**0.395**	1	0.20	
Chromium	**0.0227**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 12-1-09
Date Extracted: 12-2-09
Date Analyzed: 12-2-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-192-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	4.0	**4.21**	105	**4.29**	107	2	
Barium	4.0	**4.32**	98	**4.39**	100	2	
Chromium	4.0	**4.28**	107	**4.37**	109	2	
Lead	10	**9.75**	98	**10.0**	100	3	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

% MOISTURE

Date Analyzed: 11-25-09

Client ID	Lab ID	% Moisture
B7-Trench-1-1109	11-192-02	7
B7-Trench-2-1109	11-192-03	11
B7-Trench-3-1109	11-192-04	11

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z1 - The chromatogram is similar to mineral spirits

Z2 - The chromatogram is similar to mineral spirits with GRO.

Z3 - The chromatogram is similar to GRO with DRO.

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Chain of Custody

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

Page 1 of 1

Laboratory Number: 11-192

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly Moore Paint Co.
Project Manager: Tagga Gray
Sampled by: Erwin Enston / Clea Bleeker

Turnaround Request (in working days)

(Check One)

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

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals (As, Ba, Cr, Pb)	HEM by 1664	% Moisture
1	Concrete-Bldg 7-1109	11/23/09	15:45	⊗	1											X	●		
2	B7-Trench-1-1109	11/24/09	845	S	5		X	X	X		X		X			X			X
3	B7-Trench-2-1109	11/24/09	900	S	6		X	X	X		X		X			X			↓
4	B7-Trench-3-1109	11/24/09	930	S	6		X	X	X		X		X			X			↓

Clea Bleeker

	Signature	Company	Date	Time
Relinquished by	Clea Bleeker	AMEC GMX	11/24/09	1425
Received by	Brian Smith	Speedy	11/24/09	1425
Relinquished by	Brian Smith	Speedy	11/24/09	1530
Received by		OSE	11/24/09	1530
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
⊗ = Concrete
Silica gel/Acid wash cleanup on TPH-Dx
● Added 12/1/09. PB (1 day TAT)

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

November 2, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-185

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 23, 2009.

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

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

Case Narrative
page 1 of 2

Samples were collected on October 20, 21, and 22, 2009, and received by the laboratory on October 23, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (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.

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.

Some MTCA A cleanup levels are non-achievable for sample PCS-1 due to the necessary dilution of the sample.

The Matrix Spike/Matrix Spike Duplicate recoveries for Toluene are outside control limits possibly due to a non-homogenous sample. The Spike Blank/Spike Blank Duplicate is also reported with normal Toluene recoveries. This QC set affects samples Stockpile P4 and Stockpile P5.

Some MTCA Method A cleanup levels are non-achievable for samples Product-W1 Wall-1009, Tank6-B-1009, Product-W2 Wall-1009, and Product-N Wall-1009 due to the necessary dilution of the samples.

Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample Product-W2 Wall-1009 due to the high concentration of co-eluting compounds.

Total Metals EPA 6020/7471A Analysis

For sample PCS-1, due to the high concentration of Aluminum in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 94%.

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

Case Narrative
page 2 of 2

Semivolatiles EPA 8270D/SIM (soil) Analysis

Samples Tank 3-B-1009, Product-W1 Wall-1009, Tank 4-B-1009, Tank 6-B-1009 and Product-W2 Wall-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

Semivolatiles EPA 8270D/SIM (water) Analysis

The MS/MSD pair and the sample Product-GW-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation 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.

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13				
Client ID:	**PCS-1**				
TPH-Gas	**490**	13	10-23-09	10-23-09	Z
Surrogate: Fluorobenzene	99%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1023S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	101%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-181-01 **Original**	10-181-01 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05				
Client ID:	**Stockpile-P1**				
TPH-Gas	**ND**	4.9	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-07				
Client ID:	**Stockpile-P2**				
TPH-Gas	**9.8**	4.9	10-26-09	10-26-09	
Surrogate: Fluorobenzene	91%	53-126			
Lab ID:	10-185-11				
Client ID:	**Stockpile-P3**				
TPH-Gas	**ND**	6.8	10-26-09	10-26-09	
Surrogate: Fluorobenzene	104%	53-126			
Lab ID:	10-185-18				
Client ID:	**Stockpile-P4**				
TPH-Gas	**ND**	5.3	10-26-09	10-26-09	
Surrogate: Fluorobenzene	93%	53-126			
Lab ID:	10-185-19				
Client ID:	**Stockpile-P5**				
TPH-Gas	**ND**	6.7	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0

Surrogate Recovery:
Fluorobenzene 96%

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-19 **Original**	10-185-19 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	95%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01				
Client ID:	**Tank3-B-1009**				
TPH-Gas	**ND**	6.7	10-26-09	10-26-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-02				
Client ID:	**Product-W1Wall-1009**				
TPH-Gas	**450**	6.7	10-26-09	10-26-09	Z
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-03				
Client ID:	**Tank4-B-1009**				
TPH-Gas	**36**	7.4	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	99%	53-126			
Lab ID:	10-185-04				
Client ID:	**Tank5-B-1009**				
TPH-Gas	**ND**	7.6	10-26-09	10-26-09	
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-06				
Client ID:	**Tank6-B-1009**				
TPH-Gas	**180**	6.2	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-08				
Client ID:	**Tank7-B-1009**				
TPH-Gas	**ND**	5.3	10-26-09	10-27-09	
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-09				
Client ID:	**Product-W2Wall-1009**				
TPH-Gas	**3600**	140	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	87%	53-126			
Lab ID:	10-185-12				
Client ID:	**Tank8-B-1009**				
TPH-Gas	**ND**	7	10-26-09	10-27-09	
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-14				
Client ID:	**Tank9-B-1009**				
TPH-Gas	**28**	7.4	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-15				
Client ID:	**Product-NWall-1009**				
TPH-Gas	**100**	7.5	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	94%	53-126			
Lab ID:	10-185-16				
Client ID:	**Product-E1Wall-1009**				
TPH-Gas	**ND**	6.7	10-26-09	10-27-09	
Surrogate: Fluorobenzene	95%	53-126			
Lab ID:	10-185-17				
Client ID:	**Product-E2Wall-1009**				
TPH-Gas	**ND**	6.3	10-26-09	10-27-09	
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-20				
Client ID:	**Product-SWall-1009**				
TPH-Gas	**9.8**	7.7	10-26-09	10-27-09	Z
Surrogate: Fluorobenzene	95%	53-126			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MD1026S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	95%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-18 **Original**	10-185-18 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	93%	98%		

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-19 **Original**	10-185-19 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	95%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10				
Client ID:	**Product-GW-1009**				
TPH-Gas	**200000**	25000	10-26-09	10-26-09	
Surrogate: Fluorobenzene	97%	74-121			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1026W1

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 96%

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	10-185-10 **Original**	10-185-10 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**198000**	**186000**	6	
Surrogate Recovery:				
Fluorobenzene	97%	96%		

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13				
Client ID:	**PCS-1**				
Diesel Range	**ND**	28	10-23-09	10-23-09	Y
Lube Oil	**90**	56	10-23-09	10-23-09	Y
Surrogate: o-terphenyl	78%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1023S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	96%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-157-34	10-157-34 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	104%	71%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05				
Client ID:	**Stockpile-P1**				
Diesel Range	**ND**	27	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	53	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	123%	50-150			
Lab ID:	10-185-07				
Client ID:	**Stockpile-P2**				
Diesel Range	**ND**	26	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	52	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	56%	50-150			
Lab ID:	10-185-11				
Client ID:	**Stockpile-P3**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	111%	50-150			
Lab ID:	10-185-18				
Client ID:	**Stockpile-P4**				
Diesel Range	**ND**	26	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	52	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	115%	50-150			
Lab ID:	10-185-19				
Client ID:	**Stockpile-P5**				
Diesel Range	**ND**	27	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	54	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	110%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1027S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	119%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-185-19	10-185-19 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	110%	86%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01				
Client ID:	**Tank3-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	104%	50-150			
Lab ID:	10-185-02				
Client ID:	**Product-W1 Wall-1009**				
Diesel Range	**ND**	320	10-27-09	10-27-09	Y,U1
Lube Oil	**61**	55	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	125%	50-150			
Lab ID:	10-185-03				
Client ID:	**Tank4-B-1009**				
Diesel Range Organics	**ND**	36	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	64	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	114%	50-150			
Lab ID:	10-185-04				
Client ID:	**Tank5-B-1009**				
Diesel Range	**ND**	30	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	60	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	116%	50-150			
Lab ID:	10-185-06				
Client ID:	**Tank6-B-1009**				
Diesel Range Organics	**ND**	30	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	66%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-08				
Client ID:	**Tank7-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	57	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	96%	50-150			
Lab ID:	10-185-09				
Client ID:	**Product-W2 Wall-1009**				
Diesel Range	**ND**	1500	10-27-09	10-27-09	Y,U1
Lube Oil	**62**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	103%	50-150			
Lab ID:	10-185-12				
Client ID:	**Tank8-B-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	59	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	95%	50-150			
Lab ID:	10-185-14				
Client ID:	**Tank9-B-1009**				
Diesel Range Organics	**ND**	88	10-27-09	10-27-09	Y,U1
Lube Oil Range	**ND**	61	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	103%	50-150			
Lab ID:	10-185-15				
Client ID:	**Product-N wall-1009**				
Diesel Range	**ND**	32	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	64	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	94%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-16				
Client ID:	**Product-E1 Wall-1009**				
Diesel Range	**ND**	28	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	56	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	106%	50-150			
Lab ID:	10-185-17				
Client ID:	**Product-E2 Wall-1009**				
Diesel Range	**ND**	29	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	58	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	88%	50-150			
Lab ID:	10-185-20				
Client ID:	**Product-S wall-1009**				
Diesel Range	**ND**	30	10-27-09	10-27-09	Y
Lube Oil Range	**ND**	61	10-27-09	10-27-09	Y
Surrogate: o-terphenyl	115%	50-150			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1027S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	119%
Flags:	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-185-18	10-185-18 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	115%	123%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-27-09
Date Analyzed:	10-27-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-185-19	10-185-19 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	110%	86%
Flags:	Y	Y

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10				
Client ID:	**Product-GW-1009**				
Diesel Range	**ND**	1.8	10-23-09	10-23-09	Y,U1
Lube Oil	**0.45**	0.43	10-23-09	10-23-09	Y
Surrogate: o-terphenyl	89%	50-150			

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Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB1023W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	90%
Flags:	Y

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Laboratory Reference: 0910-185
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-23-09
Date Analyzed:	10-23-09
Matrix:	Water
Units:	mg/L (ppm)

Lab ID:	10-185-10	10-185-10 DUP
Diesel Range:	**ND**	**ND**
PQL:	1.8	1.1
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	89%	87%
Flags:	Y,U1	Y,U1

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Pyridine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Phenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Aniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Isophorone	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Naphthalene	**0.0083**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Methylnaphthalene	**0.010**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
1-Methylnaphthalene	**0.0095**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
Acenaphthene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Fluorene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-23-09	10-23-09	
Phenanthrene	**0.046**	0.037	EPA 8270	10-23-09	10-23-09	
Anthracene	**ND**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Carbazole	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Fluoranthene	**0.057**	0.037	EPA 8270	10-23-09	10-23-09	
Benzidine	**ND**	0.37	EPA 8270	10-23-09	10-23-09	
Pyrene	**0.066**	0.037	EPA 8270	10-23-09	10-23-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-23-09	10-23-09	
Benzo[a]anthracene	**0.040**	0.037	EPA 8270	10-23-09	10-23-09	
Chrysene	**0.052**	0.037	EPA 8270	10-23-09	10-23-09	
bis(2-Ethylhexyl)phthalate	**0.051**	0.037	EPA 8270	10-23-09	10-23-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-23-09	10-23-09	
Benzo[b]fluoranthene	**0.077**	0.037	EPA 8270	10-23-09	10-23-09	
Benzo[k]fluoranthene	**0.016**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[a]pyrene	**0.044**	0.037	EPA 8270	10-23-09	10-23-09	
Indeno[1,2,3-cd]pyrene	**0.025**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Dibenz[a,h]anthracene	**0.010**	0.0074	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[g,h,i]perylene	**0.041**	0.037	EPA 8270	10-23-09	10-23-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*61*	*21 - 106*				
2-Fluorobiphenyl	*76*	*29 - 107*				
2,4,6-Tribromophenol	*105*	*44 - 121*				
Terphenyl-d14	*83*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1023S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Pyridine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Phenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Aniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Isophorone	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1023S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-23-09	10-23-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Carbazole	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzidine	**ND**	0.33	EPA 8270	10-23-09	10-23-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-23-09	10-23-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-23-09	10-23-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-23-09	10-23-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*66*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*74*	*29 - 107*				
2,4,6-Tribromophenol	*103*	*44 - 121*				
Terphenyl-d14	*84*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-13										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.00**	**1.02**	1.33	1.33	ND	75	77	38 - 97	2	30	
2-Chlorophenol	**1.06**	**1.09**	1.33	1.33	ND	80	82	28 - 102	3	38	
1,4-Dichlorobenzene	**0.499**	**0.534**	0.667	0.667	ND	75	80	14 - 84	7	41	
N-Nitroso-di-n-propylamine	**0.530**	**0.547**	0.667	0.667	ND	79	82	25 - 104	3	39	
1,2,4-Trichlorobenzene	**0.542**	**0.577**	0.667	0.667	ND	81	87	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.19**	**1.24**	1.33	1.33	ND	89	93	49 - 113	4	31	
Acenaphthene	**0.575**	**0.599**	0.667	0.667	ND	86	90	37 - 101	4	40	
4-Nitrophenol	**1.32**	**1.33**	1.33	1.33	ND	99	100	30 - 136	1	31	
2,4-Dinitrotoluene	**0.677**	**0.696**	0.667	0.667	ND	101	104	36 - 122	3	32	
Pentachlorophenol	**1.43**	**1.35**	1.33	1.33	ND	108	102	15 - 143	6	34	
Pyrene	**0.700**	**0.697**	0.667	0.667	0.0590	96	96	24 - 138	0	39	
Surrogate:											
2-Fluorophenol						*71*	*71*	*19 - 97*			
Phenol-d6						*68*	*68*	*22 - 108*			
Nitrobenzene-d5						*69*	*71*	*21 - 106*			
2-Fluorobiphenyl						*79*	*83*	*29 - 107*			
2,4,6-Tribromophenol						*113*	*111*	*44 - 121*			
Terphenyl-d14						*88*	*87*	*37 - 120*			

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P1**					
Laboratory ID:	10-185-05					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P1**					
Laboratory ID:	10-185-05					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.35	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.020**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.026**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.055**	0.035	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.011**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.023**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.018**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.0081**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.021**	0.0071	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*78*	*22 - 108*				
Nitrobenzene-d5	*76*	*21 - 106*				
2-Fluorobiphenyl	*87*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P2**					
Laboratory ID:	10-185-07					
N-Nitrosodimethylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P2**					
Laboratory ID:	10-185-07					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.34	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.34	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.014**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**0.036**	0.034	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.034	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.025**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.0070**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.011**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*69*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*113*	*44 - 121*				
Terphenyl-d14	*92*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P3**					
Laboratory ID:	10-185-11					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P3**					
Laboratory ID:	10-185-11					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.028**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.061**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.015**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.016**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.019**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*73*	*21 - 106*				
2-Fluorobiphenyl	*84*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P4**					
Laboratory ID:	10-185-18					
N-Nitrosodimethylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P4**					
Laboratory ID:	10-185-18					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.35	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.011**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**0.013**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**0.016**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.036**	0.035	EPA 8270	10-26-09	10-27-09	
Benzo[k]fluoranthene	**0.0076**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**0.015**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**0.012**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**0.014**	0.0069	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*106*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P5**					
Laboratory ID:	10-185-19					
N-Nitrosodimethylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-P5**					
Laboratory ID:	10-185-19					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.011**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.36	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.010**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**0.013**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**0.016**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.029**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**0.013**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**0.010**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**0.012**	0.0072	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*79*	*29 - 107*				
2,4,6-Tribromophenol	*118*	*44 - 121*				
Terphenyl-d14	*100*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*116*	*44 - 121*				
Terphenyl-d14	*106*	*37 - 120*				

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-19										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.10**	**1.07**	1.33	1.33	ND	83	80	38 - 97	3	30	
2-Chlorophenol	**1.22**	**1.16**	1.33	1.33	ND	92	87	28 - 102	5	38	
1,4-Dichlorobenzene	**0.573**	**0.538**	0.667	0.667	ND	86	81	14 - 86	6	41	
N-Nitroso-di-n-propylamine	**0.494**	**0.474**	0.667	0.667	ND	74	71	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.608**	**0.574**	0.667	0.667	ND	91	86	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.32**	**1.22**	1.33	1.33	ND	99	92	49 - 113	8	31	
Acenaphthene	**0.599**	**0.587**	0.667	0.667	ND	90	88	37 - 101	2	40	
4-Nitrophenol	**1.57**	**1.53**	1.33	1.33	ND	118	115	30 - 136	3	31	
2,4-Dinitrotoluene	**0.736**	**0.730**	0.667	0.667	ND	110	109	36 - 122	1	32	
Pentachlorophenol	**1.33**	**1.29**	1.33	1.33	ND	100	97	15 - 143	3	34	
Pyrene	**0.700**	**0.704**	0.667	0.667	ND	105	106	24 - 138	1	39	
Surrogate:											
2-Fluorophenol						*83*	*79*	*19 - 97*			
Phenol-d6						*76*	*72*	*22 - 108*			
Nitrobenzene-d5						*76*	*70*	*21 - 106*			
2-Fluorobiphenyl						*84*	*82*	*29 - 107*			
2,4,6-Tribromophenol						*120*	*117*	*44 - 121*			
Terphenyl-d14						*102*	*100*	*37 - 120*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 3-B-1009**					
Laboratory ID:	10-185-01					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 3-B-1009**					
Laboratory ID:	10-185-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.010**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**0.010**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.10**	0.039	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.093**	0.039	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.061**	0.039	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.083**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.13**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.043**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.079**	0.039	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.067**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.020**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.080**	0.039	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*89*	*19 - 97*				
Phenol-d6	*84*	*22 - 108*				
Nitrobenzene-d5	*83*	*21 - 106*				
2-Fluorobiphenyl	*92*	*29 - 107*				
2,4,6-Tribromophenol	*130*	*44 - 121*				Q
Terphenyl-d14	*107*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1 Wall-1009**					
Laboratory ID:	10-185-02					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.014**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.071**	0.037	EPA 8270	10-26-09	10-26-09	
1-Methylnaphthalene	**0.039**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1 Wall-1009**					
Laboratory ID:	10-185-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.040**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.23**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.038**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.21**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.20**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.073**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.089**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.085**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.020**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.062**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.027**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.011**	0.0073	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.042**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*88*	*19 - 97*				
Phenol-d6	*82*	*22 - 108*				
Nitrobenzene-d5	*78*	*21 - 106*				
2-Fluorobiphenyl	*90*	*29 - 107*				
2,4,6-Tribromophenol	*133*	*44 - 121*				Q
Terphenyl-d14	*106*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B-1009**					
Laboratory ID:	10-185-03					
N-Nitrosodimethylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.064**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.013**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.0086**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**0.056**	0.043	EPA 8270	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B-1009**					
Laboratory ID:	10-185-03					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.020**	0.0085	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.057**	0.043	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.33**	0.043	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.18**	0.043	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**1.5**	0.043	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.43	EPA 8270	10-26-09	10-26-09	
Pyrene	**2.0**	0.043	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.43	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.90**	0.043	EPA 8270	10-26-09	10-26-09	
Chrysene	**1.3**	0.043	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**1.7**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.53**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**1.8**	0.043	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**1.3**	0.043	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.068**	0.043	EPA 8270	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**1.7**	0.043	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*75*	*21 - 106*				
2-Fluorobiphenyl	*90*	*29 - 107*				
2,4,6-Tribromophenol	*139*	*44 - 121*				Q
Terphenyl-d14	*118*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 5-B-1009**					
Laboratory ID:	10-185-04					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 5-B-1009**					
Laboratory ID:	10-185-04					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.40	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*76*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*81*	*29 - 107*				
2,4,6-Tribromophenol	*119*	*44 - 121*				
Terphenyl-d14	*101*	*37 - 120*				

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Date of Report: November 2, 2009
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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 6-B-1009**					
Laboratory ID:	10-185-06					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.026**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.013**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.0085**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 6-B-1009**					
Laboratory ID:	10-185-06					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.010**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.022**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.10**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.090**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.017**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.061**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*90*	*19 - 97*				
Phenol-d6	*86*	*22 - 108*				
Nitrobenzene-d5	*81*	*21 - 106*				
2-Fluorobiphenyl	*95*	*29 - 107*				
2,4,6-Tribromophenol	*137*	*44 - 121*				Q
Terphenyl-d14	*108*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 7-B-1009**					
Laboratory ID:	10-185-08					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 7-B-1009**					
Laboratory ID:	10-185-08					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.0098**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.38	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.0096**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.011**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.014**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.024**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.013**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.0091**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.011**	0.0076	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*69*	*21 - 106*				
2-Fluorobiphenyl	*81*	*29 - 107*				
2,4,6-Tribromophenol	*120*	*44 - 121*				
Terphenyl-d14	*97*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2 Wall-1009**					
Laboratory ID:	10-185-09					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.0096**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.0076**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2 Wall-1009**					
Laboratory ID:	10-185-09					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.13**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.019**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.21**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.055**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.56**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.54**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.30**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.30**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.088**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.22**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.12**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.14**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*84*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*77*	*21 - 106*				
2-Fluorobiphenyl	*93*	*29 - 107*				
2,4,6-Tribromophenol	*137*	*44 - 121*				Q
Terphenyl-d14	*105*	*37 - 120*				

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 8-B-1009**					
Laboratory ID:	10-185-12					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 8-B-1009**					
Laboratory ID:	10-185-12					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.018**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.017**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.022**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**0.041**	0.039	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.066**	0.039	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.016**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**0.025**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.021**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.0093**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.024**	0.0078	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*114*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 9-B-1009**					
Laboratory ID:	10-185-14					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.024**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.0099**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 9-B-1009**					
Laboratory ID:	10-185-14					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.058**	0.037	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.14**	0.037	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
Carbazole	**0.041**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.28**	0.037	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.25**	0.037	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.086**	0.037	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**0.049**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.11**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.037**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.084**	0.037	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.052**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.015**	0.0074	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.069**	0.037	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*60*	*19 - 97*				
Phenol-d6	*58*	*22 - 108*				
Nitrobenzene-d5	*54*	*21 - 106*				
2-Fluorobiphenyl	*72*	*29 - 107*				
2,4,6-Tribromophenol	*119*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-N Wall-1009**					
Laboratory ID:	10-185-15					
N-Nitrosodimethylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Naphthalene	**0.028**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**0.019**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**0.012**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-N Wall-1009**					
Laboratory ID:	10-185-15					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**0.025**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Fluorene	**0.050**	0.042	EPA 8270	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**0.75**	0.042	EPA 8270	10-26-09	10-26-09	
Anthracene	**0.064**	0.042	EPA 8270	10-26-09	10-26-09	
Carbazole	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**0.52**	0.042	EPA 8270	10-26-09	10-26-09	
Benzidine	**ND**	0.42	EPA 8270	10-26-09	10-26-09	
Pyrene	**0.44**	0.042	EPA 8270	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.42	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**0.16**	0.042	EPA 8270	10-26-09	10-26-09	
Chrysene	**0.23**	0.042	EPA 8270	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**0.18**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[k]fluoranthene	**0.063**	0.042	EPA 8270	10-26-09	10-26-09	
Benzo[a]pyrene	**0.13**	0.042	EPA 8270	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**0.062**	0.042	EPA 8270	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**0.024**	0.0084	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**0.079**	0.042	EPA 8270	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*64*	*19 - 97*				
Phenol-d6	*63*	*22 - 108*				
Nitrobenzene-d5	*57*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*117*	*44 - 121*				
Terphenyl-d14	*95*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E1 Wall-1009**					
Laboratory ID:	10-185-16					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E1 Wall-1009**					
Laboratory ID:	10-185-16					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*72*	*19 - 97*				
Phenol-d6	*70*	*22 - 108*				
Nitrobenzene-d5	*65*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*104*	*44 - 121*				
Terphenyl-d14	*94*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E2 Wall-1009**					
Laboratory ID:	10-185-17					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-E2 Wall-1009**					
Laboratory ID:	10-185-17					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.38	EPA 8270	10-26-09	10-27-09	
Pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*75*	*19 - 97*				
Phenol-d6	*70*	*22 - 108*				
Nitrobenzene-d5	*65*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*109*	*44 - 121*				
Terphenyl-d14	*98*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-5 Wall-1009**					
Laboratory ID:	10-185-20					
N-Nitrosodimethylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-5 Wall-1009**					
Laboratory ID:	10-185-20					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**0.017**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	0.41	EPA 8270	10-26-09	10-27-09	
Pyrene	**0.016**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	0.41	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	0.041	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**0.0088**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.0081	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*81*	*19 - 97*				
Phenol-d6	*77*	*22 - 108*				
Nitrobenzene-d5	*68*	*21 - 106*				
2-Fluorobiphenyl	*83*	*29 - 107*				
2,4,6-Tribromophenol	*120*	*44 - 121*				
Terphenyl-d14	*99*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pyridine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Phenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Aniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Isophorone	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-26-09	10-26-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Carbazole	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-26-09	10-26-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-26-09	10-26-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-26-09	10-26-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*80*	*29 - 107*				
2,4,6-Tribromophenol	*116*	*44 - 121*				
Terphenyl-d14	*106*	*37 - 120*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-19										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.10**	**1.07**	1.33	1.33	ND	83	80	38 - 97	3	30	
2-Chlorophenol	**1.22**	**1.16**	1.33	1.33	ND	92	87	28 - 102	5	38	
1,4-Dichlorobenzene	**0.573**	**0.538**	0.667	0.667	ND	86	81	14 - 86	6	41	
N-Nitroso-di-n-propylamine	**0.494**	**0.474**	0.667	0.667	ND	74	71	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.608**	**0.574**	0.667	0.667	ND	91	86	23 - 93	6	37	
4-Chloro-3-methylphenol	**1.32**	**1.22**	1.33	1.33	ND	99	92	49 - 113	8	31	
Acenaphthene	**0.599**	**0.587**	0.667	0.667	ND	90	88	37 - 101	2	40	
4-Nitrophenol	**1.57**	**1.53**	1.33	1.33	ND	118	115	30 - 136	3	31	
2,4-Dinitrotoluene	**0.736**	**0.730**	0.667	0.667	ND	110	109	36 - 122	1	32	
Pentachlorophenol	**1.33**	**1.29**	1.33	1.33	ND	100	97	15 - 143	3	34	
Pyrene	**0.700**	**0.704**	0.667	0.667	ND	105	106	24 - 138	1	39	
Surrogate:											
2-Fluorophenol						*83*	*79*	*19 - 97*			
Phenol-d6						*76*	*72*	*22 - 108*			
Nitrobenzene-d5						*76*	*70*	*21 - 106*			
2-Fluorobiphenyl						*84*	*82*	*29 - 107*			
2,4,6-Tribromophenol						*120*	*117*	*44 - 121*			
Terphenyl-d14						*102*	*100*	*37 - 120*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	**Product-GW-1009**					
Laboratory ID:	10-185-10					
N-Nitrosodimethylamine	**ND**	10	EPA 8270	10-26-09	10-28-09	
Pyridine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Phenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
Aniline	**ND**	51	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroethyl)ether	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Chlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,3-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,4-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Benzyl alcohol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2-Dichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Methylphenol (o-Cresol)	**14**	10	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroisopropyl)ether	**ND**	10	EPA 8270	10-26-09	10-28-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	10	EPA 8270	10-26-09	10-28-09	
N-Nitroso-di-n-propylamine	**ND**	10	EPA 8270	10-26-09	10-28-09	
Hexachloroethane	**ND**	10	EPA 8270	10-26-09	10-28-09	
Nitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Isophorone	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Nitrophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dimethylphenol	**12**	10	EPA 8270	10-26-09	10-28-09	
bis(2-Chloroethoxy)methane	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2,4-Trichlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Naphthalene	**0.93**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4-Chloroaniline	**ND**	100	EPA 8270	10-26-09	10-28-09	
Hexachlorobutadiene	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Chloro-3-methylphenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Methylnaphthalene	**1.8**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
1-Methylnaphthalene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Hexachlorocyclopentadiene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4,6-Trichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3-Dichloroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4,5-Trichlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Chloronaphthalene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,4-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Dimethylphthalate	**32**	10	EPA 8270	10-26-09	10-28-09	
1,3-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,6-Dinitrotoluene	**ND**	10	EPA 8270	10-26-09	10-28-09	
1,2-Dinitrobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Acenaphthylene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
3-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-GW-1009**					
Laboratory ID:	10-185-10					
2,4-Dinitrophenol	**ND**	100	EPA 8270	10-26-09	10-28-09	
Acenaphthene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4-Nitrophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,4-Dinitrotoluene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Dibenzofuran	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3,5,6-Tetrachlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
2,3,4,6-Tetrachlorophenol	**ND**	10	EPA 8270	10-26-09	10-28-09	
Diethylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Chlorophenyl-phenylether	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Nitroaniline	**ND**	10	EPA 8270	10-26-09	10-28-09	
Fluorene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
4,6-Dinitro-2-methylphenol	**ND**	51	EPA 8270	10-26-09	10-28-09	
N-Nitrosodiphenylamine	**ND**	100	EPA 8270	10-26-09	10-28-09	
1,2-Diphenylhydrazine	**ND**	10	EPA 8270	10-26-09	10-28-09	
4-Bromophenyl-phenylether	**ND**	10	EPA 8270	10-26-09	10-28-09	
Hexachlorobenzene	**ND**	10	EPA 8270	10-26-09	10-28-09	
Pentachlorophenol	**ND**	51	EPA 8270	10-26-09	10-28-09	
Phenanthrene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Anthracene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Carbazole	**ND**	10	EPA 8270	10-26-09	10-28-09	
Di-n-butylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Fluoranthene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Benzidine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Pyrene	**ND**	0.51	EPA 8270/SIM	10-26-09	10-28-09	
Butylbenzylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
bis-2-Ethylhexyladipate	**ND**	10	EPA 8270	10-26-09	10-28-09	
3,3'-Dichlorobenzidine	**ND**	100	EPA 8270	10-26-09	10-28-09	
Benzo[a]anthracene	**0.30**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Chrysene	**0.37**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
bis(2-Ethylhexyl)phthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Di-n-octylphthalate	**ND**	10	EPA 8270	10-26-09	10-28-09	
Benzo[b]fluoranthene	**0.65**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[k]fluoranthene	**0.20**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[a]pyrene	**0.37**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Indeno[1,2,3-cd]pyrene	**0.25**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Dibenz[a,h]anthracene	**0.12**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Benzo[g,h,i]perylene	**0.29**	0.051	EPA 8270/SIM	10-26-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*17*	*12 - 91*				
Phenol-d6	*45*	*10 - 102*				
Nitrobenzene-d5	*84*	*27 - 115*				
2-Fluorobiphenyl	*22*	*37 - 111*				Q
2,4,6-Tribromophenol	*86*	*48 - 121*				
Terphenyl-d14	*86*	*47 - 116*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1026W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Pyridine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Phenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Aniline	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Hexachloroethane	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Nitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Isophorone	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4-Chloroaniline	**ND**	10	EPA 8270	10-26-09	10-27-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1026W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	10-26-09	10-27-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Dibenzofuran	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Diethylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	10-26-09	10-27-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	10-26-09	10-27-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Carbazole	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Benzidine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	10-26-09	10-27-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	10-26-09	10-27-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	10-26-09	10-27-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	10-26-09	10-27-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*52*	*12 - 91*				
Phenol-d6	*37*	*10 - 102*				
Nitrobenzene-d5	*68*	*27 - 115*				
2-Fluorobiphenyl	*74*	*37 - 111*				
2,4,6-Tribromophenol	*107*	*48 - 121*				
Terphenyl-d14	*87*	*47 - 116*				

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-10										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**23.9**	**24.2**	42.6	42.2	ND	56	57	27 - 116	1	27	
2-Chlorophenol	**42.1**	**42.1**	42.6	42.2	ND	99	100	30 - 120	0	27	
1,4-Dichlorobenzene	**19.6**	**19.7**	21.3	21.1	ND	92	93	27 - 95	1	33	
N-Nitroso-di-n-propylamine	**23.7**	**21.6**	21.3	21.1	ND	111	102	23 - 113	9	36	
1,2,4-Trichlorobenzene	**19.4**	**20.0**	21.3	21.1	ND	91	95	27 - 97	3	38	
4-Chloro-3-methylphenol	**31.5**	**32.4**	42.6	42.2	ND	74	77	41 - 133	3	13	
Acenaphthene	**21.1**	**19.8**	21.3	21.1	ND	99	94	41 - 115	6	14	
4-Nitrophenol	**25.9**	**22.0**	42.6	42.2	ND	61	52	18 - 140	16	39	
2,4-Dinitrotoluene	**17.6**	**18.8**	21.3	21.1	ND	83	89	33 - 135	7	18	
Pentachlorophenol	**53.8**	**43.6**	42.6	42.2	ND	126	103	25 - 151	23	37	
Pyrene	**20.5**	**19.6**	21.3	21.1	ND	96	93	62 - 118	4	16	
Surrogate:											
2-Fluorophenol						*17*	*16*	*12 - 91*			
Phenol-d6						*48*	*48*	*10 - 102*			
Nitrobenzene-d5						*84*	*84*	*27 - 115*			
2-Fluorobiphenyl						*23*	*23*	*37 - 111*			Q
2,4,6-Tribromophenol						*109*	*106*	*48 - 121*			
Terphenyl-d14						*90*	*88*	*47 - 116*			

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13
Client ID: PCS-1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.060
Chloromethane	ND		0.30
Vinyl Chloride	ND		0.060
Bromomethane	ND		0.060
Chloroethane	ND		0.30
Trichlorofluoromethane	ND		0.060
1,1-Dichloroethene	ND		0.060
Acetone	ND		0.30
Iodomethane	ND		0.30
Carbon Disulfide	ND		0.060
Methylene Chloride	ND		0.30
(trans) 1,2-Dichloroethene	ND		0.060
Methyl t-Butyl Ether	ND		0.060
1,1-Dichloroethane	ND		0.060
Vinyl Acetate	ND		0.30
2,2-Dichloropropane	ND		0.060
(cis) 1,2-Dichloroethene	ND		0.060
2-Butanone	ND		0.30
Bromochloromethane	ND		0.060
Chloroform	ND		0.060
1,1,1-Trichloroethane	ND		0.060
Carbon Tetrachloride	ND		0.060
1,1-Dichloropropene	ND		0.060
Benzene	ND		0.060
1,2-Dichloroethane	ND		0.060
Trichloroethene	ND		0.060
1,2-Dichloropropane	ND		0.060
Dibromomethane	ND		0.060
Bromodichloromethane	ND		0.060
2-Chloroethyl Vinyl Ether	ND		0.30
(cis) 1,3-Dichloropropene	ND		0.060
Methyl Isobutyl Ketone	ND		0.30
Toluene	ND		0.30
(trans) 1,3-Dichloropropene	ND		0.060

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-185-13
Client ID: PCS-1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.060
Tetrachloroethene	ND		0.060
1,3-Dichloropropane	ND		0.060
2-Hexanone	ND		0.30
Dibromochloromethane	ND		0.060
1,2-Dibromoethane	ND		0.060
Chlorobenzene	ND		0.060
1,1,1,2-Tetrachloroethane	ND		0.060
Ethylbenzene	0.066		0.060
m,p-Xylene	0.37		0.12
o-Xylene	0.092		0.060
Styrene	ND		0.060
Bromoform	ND		0.060
Isopropylbenzene	ND		0.060
Bromobenzene	ND		0.060
1,1,2,2-Tetrachloroethane	ND		0.060
1,2,3-Trichloropropane	ND		0.060
n-Propylbenzene	ND		0.060
2-Chlorotoluene	ND		0.060
4-Chlorotoluene	ND		0.060
1,3,5-Trimethylbenzene	ND		0.060
tert-Butylbenzene	ND		0.060
1,2,4-Trimethylbenzene	0.090		0.060
sec-Butylbenzene	ND		0.060
1,3-Dichlorobenzene	ND		0.060
p-Isopropyltoluene	ND		0.060
1,4-Dichlorobenzene	ND		0.060
1,2-Dichlorobenzene	ND		0.060
n-Butylbenzene	ND		0.060
1,2-Dibromo-3-chloropropane	ND		0.30
1,2,4-Trichlorobenzene	ND		0.060
Hexachlorobutadiene	ND		0.30
Naphthalene	ND		0.060
1,2,3-Trichlorobenzene	ND		0.060

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	91	54-130

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1023S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	87	54-130

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Samples Submitted: October 23, 2009
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1023S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0611	122	0.0605	121	70-130	
Benzene	0.0500	0.0492	98	0.0494	99	70-128	
Trichloroethene	0.0500	0.0457	91	0.0494	99	70-124	
Toluene	0.0500	0.0488	98	0.0504	101	73-123	
Chlorobenzene	0.0500	0.0485	97	0.0483	97	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	0	15	
Trichloroethene	8	14	
Toluene	3	14	
Chlorobenzene	0	13	

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-05
Client ID: Stockpile-P1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00099
Chloromethane	ND		0.0049
Vinyl Chloride	ND		0.00099
Bromomethane	ND		0.00099
Chloroethane	ND		0.0049
Trichlorofluoromethane	ND		0.00099
1,1-Dichloroethene	ND		0.00099
Acetone	ND		0.0049
Iodomethane	ND		0.0049
Carbon Disulfide	ND		0.00099
Methylene Chloride	ND		0.0049
(trans) 1,2-Dichloroethene	ND		0.00099
Methyl t-Butyl Ether	ND		0.00099
1,1-Dichloroethane	ND		0.00099
Vinyl Acetate	ND		0.0049
2,2-Dichloropropane	ND		0.00099
(cis) 1,2-Dichloroethene	ND		0.00099
2-Butanone	ND		0.0049
Bromochloromethane	ND		0.00099
Chloroform	ND		0.00099
1,1,1-Trichloroethane	ND		0.00099
Carbon Tetrachloride	ND		0.00099
1,1-Dichloropropene	ND		0.00099
Benzene	ND		0.00099
1,2-Dichloroethane	ND		0.00099
Trichloroethene	ND		0.00099
1,2-Dichloropropane	ND		0.00099
Dibromomethane	ND		0.00099
Bromodichloromethane	ND		0.00099
2-Chloroethyl Vinyl Ether	ND		0.0049
(cis) 1,3-Dichloropropene	ND		0.00099
Methyl Isobutyl Ketone	ND		0.0049
Toluene	ND		0.0049
(trans) 1,3-Dichloropropene	ND		0.00099

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Lab ID: 10-185-05
Client ID: Stockpile-P1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00099
Tetrachloroethene	ND		0.00099
1,3-Dichloropropane	ND		0.00099
2-Hexanone	ND		0.0049
Dibromochloromethane	ND		0.00099
1,2-Dibromoethane	ND		0.00099
Chlorobenzene	ND		0.00099
1,1,1,2-Tetrachloroethane	ND		0.00099
Ethylbenzene	ND		0.00099
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.00099
Styrene	ND		0.00099
Bromoform	ND		0.00099
Isopropylbenzene	ND		0.00099
Bromobenzene	ND		0.00099
1,1,2,2-Tetrachloroethane	ND		0.00099
1,2,3-Trichloropropane	ND		0.00099
n-Propylbenzene	ND		0.00099
2-Chlorotoluene	ND		0.00099
4-Chlorotoluene	ND		0.00099
1,3,5-Trimethylbenzene	ND		0.00099
tert-Butylbenzene	ND		0.00099
1,2,4-Trimethylbenzene	ND		0.00099
sec-Butylbenzene	ND		0.00099
1,3-Dichlorobenzene	ND		0.00099
p-Isopropyltoluene	ND		0.00099
1,4-Dichlorobenzene	ND		0.00099
1,2-Dichlorobenzene	ND		0.00099
n-Butylbenzene	ND		0.00099
1,2-Dibromo-3-chloropropane	ND		0.0049
1,2,4-Trichlorobenzene	ND		0.00099
Hexachlorobutadiene	ND		0.0049
Naphthalene	ND		0.00099
1,2,3-Trichlorobenzene	ND		0.00099

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	103	55-125
Toluene-d8	106	56-127
4-Bromofluorobenzene	89	54-130

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-07
Client ID: Stockpile-P2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0063
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0063
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0063
Iodomethane	ND		0.0063
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0063
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0063
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0063
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0063
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0063
Toluene	ND		0.0063
(trans) 1,3-Dichloropropene	ND		0.0013

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Project: 14697

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Lab ID: 10-185-07
Client ID: Stockpile-P2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0063
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	0.0016		0.0013
m,p-Xylene	0.0082		0.0025
o-Xylene	0.0018		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0063
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0063
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	76	54-130

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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-11
Client ID: Stockpile-P3

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.21		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-11
Client ID: Stockpile-P3

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	0.0028		0.0021
o-Xylene	0.0011		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	109	55-125
Toluene-d8	104	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-18
Client ID: Stockpile-P4

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0064
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0064
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0064
Iodomethane	ND		0.0064
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0064
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0064
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0064
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0064
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0064
Toluene	ND		0.0064
(trans) 1,3-Dichloropropene	ND		0.0013

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Lab ID: 10-185-18
Client ID: Stockpile-P4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0064
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0064
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0064
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	91	54-130

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

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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19
Client ID: Stockpile-P5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	ND		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-185-19
Client ID: Stockpile-P5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	87	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1023S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1027S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1027S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	86	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Laboratory Reference: 0910-185
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-23-09
Date Analyzed: 10-23-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1023S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0611	122	0.0605	121	70-130	
Benzene	0.0500	0.0492	98	0.0494	99	70-128	
Trichloroethene	0.0500	0.0457	91	0.0494	99	70-124	
Toluene	0.0500	0.0488	98	0.0504	101	73-123	
Chlorobenzene	0.0500	0.0485	97	0.0483	97	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	0	15	
Trichloroethene	8	14	
Toluene	3	14	
Chlorobenzene	0	13	

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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-27-09
Date Analyzed: 10-27-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1027S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0494	99	0.0488	98	70-130	
Benzene	0.0500	0.0416	83	0.0409	82	70-128	
Trichloroethene	0.0500	0.0425	85	0.0425	85	70-124	
Toluene	0.0500	0.0436	87	0.0431	86	73-123	
Chlorobenzene	0.0500	0.0503	101	0.0497	99	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	2	15	
Trichloroethene	0	14	
Toluene	1	14	
Chlorobenzene	1	13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-01
Client ID: Tank3-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00096
Chloromethane	ND		0.0048
Vinyl Chloride	ND		0.00096
Bromomethane	ND		0.00096
Chloroethane	ND		0.0048
Trichlorofluoromethane	ND		0.00096
1,1-Dichloroethene	ND		0.00096
Acetone	0.014		0.0048
Iodomethane	ND		0.0048
Carbon Disulfide	ND		0.00096
Methylene Chloride	ND		0.0048
(trans) 1,2-Dichloroethene	ND		0.00096
Methyl t-Butyl Ether	ND		0.00096
1,1-Dichloroethane	ND		0.00096
Vinyl Acetate	ND		0.0048
2,2-Dichloropropane	ND		0.00096
(cis) 1,2-Dichloroethene	ND		0.00096
2-Butanone	ND		0.0048
Bromochloromethane	ND		0.00096
Chloroform	ND		0.00096
1,1,1-Trichloroethane	ND		0.00096
Carbon Tetrachloride	ND		0.00096
1,1-Dichloropropene	ND		0.00096
Benzene	ND		0.00096
1,2-Dichloroethane	ND		0.00096
Trichloroethene	ND		0.00096
1,2-Dichloropropane	ND		0.00096
Dibromomethane	ND		0.00096
Bromodichloromethane	ND		0.00096
2-Chloroethyl Vinyl Ether	ND		0.0048
(cis) 1,3-Dichloropropene	ND		0.00096
Methyl Isobutyl Ketone	ND		0.0048
Toluene	ND		0.0048
(trans) 1,3-Dichloropropene	ND		0.00096

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
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Project: 14697

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Lab ID: 10-185-01
Client ID: Tank3-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00096
Tetrachloroethene	ND		0.00096
1,3-Dichloropropane	ND		0.00096
2-Hexanone	ND		0.0048
Dibromochloromethane	ND		0.00096
1,2-Dibromoethane	ND		0.00096
Chlorobenzene	ND		0.00096
1,1,1,2-Tetrachloroethane	ND		0.00096
Ethylbenzene	0.019		0.00096
m,p-Xylene	0.089		0.0019
o-Xylene	0.032		0.00096
Styrene	ND		0.00096
Bromoform	ND		0.00096
Isopropylbenzene	ND		0.00096
Bromobenzene	ND		0.00096
1,1,2,2-Tetrachloroethane	ND		0.00096
1,2,3-Trichloropropane	ND		0.00096
n-Propylbenzene	ND		0.00096
2-Chlorotoluene	ND		0.00096
4-Chlorotoluene	ND		0.00096
1,3,5-Trimethylbenzene	ND		0.00096
tert-Butylbenzene	ND		0.00096
1,2,4-Trimethylbenzene	ND		0.00096
sec-Butylbenzene	ND		0.00096
1,3-Dichlorobenzene	ND		0.00096
p-Isopropyltoluene	ND		0.00096
1,4-Dichlorobenzene	ND		0.00096
1,2-Dichlorobenzene	ND		0.00096
n-Butylbenzene	ND		0.00096
1,2-Dibromo-3-chloropropane	ND		0.0048
1,2,4-Trichlorobenzene	ND		0.00096
Hexachlorobutadiene	ND		0.0048
Naphthalene	ND		0.00096
1,2,3-Trichlorobenzene	ND		0.00096

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	89	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-02
Client ID: Product-W1 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.055
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.055
Bromomethane	ND		0.055
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.055
1,1-Dichloroethene	ND		0.055
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.055
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.055
Methyl t-Butyl Ether	ND		0.055
1,1-Dichloroethane	ND		0.055
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.055
(cis) 1,2-Dichloroethene	ND		0.055
2-Butanone	ND		0.28
Bromochloromethane	ND		0.055
Chloroform	ND		0.055
1,1,1-Trichloroethane	ND		0.055
Carbon Tetrachloride	ND		0.055
1,1-Dichloropropene	ND		0.055
Benzene	ND		0.055
1,2-Dichloroethane	ND		0.055
Trichloroethene	ND		0.055
1,2-Dichloropropane	ND		0.055
Dibromomethane	ND		0.055
Bromodichloromethane	ND		0.055
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.055
Methyl Isobutyl Ketone	ND		0.28
Toluene	ND		0.28
(trans) 1,3-Dichloropropene	ND		0.055

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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Lab ID: 10-185-02
Client ID: Product-W1 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.055
Tetrachloroethene	ND		0.055
1,3-Dichloropropane	ND		0.055
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.055
1,2-Dibromoethane	ND		0.055
Chlorobenzene	ND		0.055
1,1,1,2-Tetrachloroethane	ND		0.055
Ethylbenzene	0.23		0.055
m,p-Xylene	0.98		0.11
o-Xylene	0.35		0.055
Styrene	ND		0.055
Bromoform	ND		0.055
Isopropylbenzene	ND		0.055
Bromobenzene	ND		0.055
1,1,2,2-Tetrachloroethane	ND		0.055
1,2,3-Trichloropropane	ND		0.055
n-Propylbenzene	0.086		0.055
2-Chlorotoluene	ND		0.055
4-Chlorotoluene	ND		0.055
1,3,5-Trimethylbenzene	ND		0.055
tert-Butylbenzene	ND		0.055
1,2,4-Trimethylbenzene	0.10		0.055
sec-Butylbenzene	ND		0.055
1,3-Dichlorobenzene	ND		0.055
p-Isopropyltoluene	ND		0.055
1,4-Dichlorobenzene	ND		0.055
1,2-Dichlorobenzene	ND		0.055
n-Butylbenzene	0.081		0.055
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.055
Hexachlorobutadiene	ND		0.28
Naphthalene	ND		0.055
1,2,3-Trichlorobenzene	ND		0.055

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	55-125
Toluene-d8	81	56-127
4-Bromofluorobenzene	84	54-130

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

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-03
Client ID: Tank4-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.043		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	0.011		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.016		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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Lab ID: 10-185-03
Client ID: Tank4-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.0011		0.0010
m,p-Xylene	0.0043		0.0021
o-Xylene	0.0020		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0017		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0012		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	95	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-04
Client ID: Tank5-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.016		0.0054
Iodomethane	ND		0.0054
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0054
Toluene	0.030		0.0054
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-185-04
Client ID: Tank5-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.0012		0.0011
m,p-Xylene	0.0050		0.0021
o-Xylene	0.0017		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	94	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-06
Client ID: Tank6-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.055
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.055
Bromomethane	ND		0.055
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.055
1,1-Dichloroethene	ND		0.055
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.055
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.055
Methyl t-Butyl Ether	ND		0.055
1,1-Dichloroethane	ND		0.055
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.055
(cis) 1,2-Dichloroethene	ND		0.055
2-Butanone	ND		0.28
Bromochloromethane	ND		0.055
Chloroform	ND		0.055
1,1,1-Trichloroethane	ND		0.055
Carbon Tetrachloride	ND		0.055
1,1-Dichloropropene	ND		0.055
Benzene	ND		0.055
1,2-Dichloroethane	ND		0.055
Trichloroethene	ND		0.055
1,2-Dichloropropane	ND		0.055
Dibromomethane	ND		0.055
Bromodichloromethane	ND		0.055
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.055
Methyl Isobutyl Ketone	ND		0.28
Toluene	0.30		0.28
(trans) 1,3-Dichloropropene	ND		0.055

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Lab ID: 10-185-06
Client ID: Tank6-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.055
Tetrachloroethene	ND		0.055
1,3-Dichloropropane	ND		0.055
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.055
1,2-Dibromoethane	ND		0.055
Chlorobenzene	ND		0.055
1,1,1,2-Tetrachloroethane	ND		0.055
Ethylbenzene	0.083		0.055
m,p-Xylene	0.28		0.11
o-Xylene	ND		0.055
Styrene	ND		0.055
Bromoform	ND		0.055
Isopropylbenzene	0.073		0.055
Bromobenzene	ND		0.055
1,1,2,2-Tetrachloroethane	ND		0.055
1,2,3-Trichloropropane	ND		0.055
n-Propylbenzene	0.13		0.055
2-Chlorotoluene	ND		0.055
4-Chlorotoluene	ND		0.055
1,3,5-Trimethylbenzene	ND		0.055
tert-Butylbenzene	ND		0.055
1,2,4-Trimethylbenzene	ND		0.055
sec-Butylbenzene	ND		0.055
1,3-Dichlorobenzene	ND		0.055
p-Isopropyltoluene	ND		0.055
1,4-Dichlorobenzene	ND		0.055
1,2-Dichlorobenzene	ND		0.055
n-Butylbenzene	ND		0.055
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.055
Hexachlorobutadiene	ND		0.28
Naphthalene	ND		0.055
1,2,3-Trichlorobenzene	ND		0.055

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-29&30-09
Date Analyzed: 10-29&30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-08
Client ID: Tank7-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00093
Chloromethane	ND		0.0046
Vinyl Chloride	ND		0.00093
Bromomethane	ND		0.00093
Chloroethane	ND		0.0046
Trichlorofluoromethane	ND		0.00093
1,1-Dichloroethene	ND		0.00093
Acetone	3.5		0.28
Iodomethane	ND		0.0046
Carbon Disulfide	ND		0.00093
Methylene Chloride	ND		0.0046
(trans) 1,2-Dichloroethene	ND		0.00093
Methyl t-Butyl Ether	ND		0.00093
1,1-Dichloroethane	ND		0.00093
Vinyl Acetate	ND		0.0046
2,2-Dichloropropane	ND		0.00093
(cis) 1,2-Dichloroethene	ND		0.00093
2-Butanone	ND		0.0046
Bromochloromethane	ND		0.00093
Chloroform	ND		0.00093
1,1,1-Trichloroethane	ND		0.00093
Carbon Tetrachloride	ND		0.00093
1,1-Dichloropropene	ND		0.00093
Benzene	ND		0.00093
1,2-Dichloroethane	ND		0.00093
Trichloroethene	ND		0.00093
1,2-Dichloropropane	ND		0.00093
Dibromomethane	ND		0.00093
Bromodichloromethane	ND		0.00093
2-Chloroethyl Vinyl Ether	ND		0.0046
(cis) 1,3-Dichloropropene	ND		0.00093
Methyl Isobutyl Ketone	ND		0.0046
Toluene	ND		0.0046
(trans) 1,3-Dichloropropene	ND		0.00093

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Lab ID: 10-185-08
Client ID: Tank7-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00093
Tetrachloroethene	ND		0.00093
1,3-Dichloropropane	ND		0.00093
2-Hexanone	ND		0.0046
Dibromochloromethane	ND		0.00093
1,2-Dibromoethane	ND		0.00093
Chlorobenzene	ND		0.00093
1,1,1,2-Tetrachloroethane	ND		0.00093
Ethylbenzene	ND		0.00093
m,p-Xylene	ND		0.0019
o-Xylene	ND		0.00093
Styrene	ND		0.00093
Bromoform	ND		0.00093
Isopropylbenzene	ND		0.00093
Bromobenzene	ND		0.00093
1,1,2,2-Tetrachloroethane	ND		0.00093
1,2,3-Trichloropropane	ND		0.00093
n-Propylbenzene	ND		0.00093
2-Chlorotoluene	ND		0.00093
4-Chlorotoluene	ND		0.00093
1,3,5-Trimethylbenzene	ND		0.00093
tert-Butylbenzene	ND		0.00093
1,2,4-Trimethylbenzene	ND		0.00093
sec-Butylbenzene	ND		0.00093
1,3-Dichlorobenzene	ND		0.00093
p-Isopropyltoluene	ND		0.00093
1,4-Dichlorobenzene	ND		0.00093
1,2-Dichlorobenzene	ND		0.00093
n-Butylbenzene	ND		0.00093
1,2-Dibromo-3-chloropropane	ND		0.0046
1,2,4-Trichlorobenzene	ND		0.00093
Hexachlorobutadiene	ND		0.0046
Naphthalene	ND		0.00093
1,2,3-Trichlorobenzene	ND		0.00093

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	55-125
Toluene-d8	88	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-09
Client ID: Product-W2 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.057
Chloromethane	ND		0.29
Vinyl Chloride	ND		0.057
Bromomethane	ND		0.057
Chloroethane	ND		0.29
Trichlorofluoromethane	ND		0.057
1,1-Dichloroethene	ND		0.057
Acetone	0.51		0.29
Iodomethane	ND		0.29
Carbon Disulfide	ND		0.057
Methylene Chloride	ND		0.29
(trans) 1,2-Dichloroethene	ND		0.057
Methyl t-Butyl Ether	ND		0.057
1,1-Dichloroethane	ND		0.057
Vinyl Acetate	ND		0.29
2,2-Dichloropropane	ND		0.057
(cis) 1,2-Dichloroethene	ND		0.057
2-Butanone	ND		0.29
Bromochloromethane	ND		0.057
Chloroform	ND		0.057
1,1,1-Trichloroethane	ND		0.057
Carbon Tetrachloride	ND		0.057
1,1-Dichloropropene	ND		0.057
Benzene	ND		0.057
1,2-Dichloroethane	ND		0.057
Trichloroethene	ND		0.057
1,2-Dichloropropane	ND		0.057
Dibromomethane	ND		0.057
Bromodichloromethane	ND		0.057
2-Chloroethyl Vinyl Ether	ND		0.29
(cis) 1,3-Dichloropropene	ND		0.057
Methyl Isobutyl Ketone	ND		0.29
Toluene	ND		0.29
(trans) 1,3-Dichloropropene	ND		0.057

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Lab ID: 10-185-09
Client ID: Product-W2 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.057
Tetrachloroethene	ND		0.057
1,3-Dichloropropane	ND		0.057
2-Hexanone	ND		0.29
Dibromochloromethane	ND		0.057
1,2-Dibromoethane	ND		0.057
Chlorobenzene	ND		0.057
1,1,1,2-Tetrachloroethane	ND		0.057
Ethylbenzene	0.082		0.057
m,p-Xylene	1.4		0.11
o-Xylene	0.51		0.057
Styrene	ND		0.057
Bromoform	ND		0.057
Isopropylbenzene	0.19		0.057
Bromobenzene	ND		0.057
1,1,2,2-Tetrachloroethane	ND		0.057
1,2,3-Trichloropropane	ND		0.057
n-Propylbenzene	0.18		0.057
2-Chlorotoluene	ND		0.057
4-Chlorotoluene	ND		0.057
1,3,5-Trimethylbenzene	ND		0.057
tert-Butylbenzene	ND		0.057
1,2,4-Trimethylbenzene	ND		0.057
sec-Butylbenzene	0.24		0.057
1,3-Dichlorobenzene	ND		0.057
p-Isopropyltoluene	ND		0.057
1,4-Dichlorobenzene	ND		0.057
1,2-Dichlorobenzene	ND		0.057
n-Butylbenzene	0.19		0.057
1,2-Dibromo-3-chloropropane	ND		0.29
1,2,4-Trichlorobenzene	ND		0.057
Hexachlorobutadiene	ND		0.29
Naphthalene	ND		0.057
1,2,3-Trichlorobenzene	ND		0.057

Surrogate	Percent Recovery		Control Limits
Dibromofluoromethane	84		55-125
Toluene-d8	84		56-127
4-Bromofluorobenzene	158	Q	54-130

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Date Extracted:	10-29&30-09
Date Analyzed:	10-29&30-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	10-185-12
Client ID:	**Tank8-B-1009**

Compound	**Results**	**Flags**	**PQL**
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	10		0.61
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	ND		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-12
Client ID: Tank8-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.0056		0.0010
m,p-Xylene	0.024		0.0021
o-Xylene	0.0086		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	87	56-127
4-Bromofluorobenzene	87	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-14
Client ID: Tank9-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.040		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0060		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

This report pertains to the samples analyzed in accordance with the chain of custody,
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Lab ID: 10-185-14
Client ID: Tank9-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	88	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-15
Client ID: Product-N Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.074
Chloromethane	ND		0.37
Vinyl Chloride	ND		0.074
Bromomethane	ND		0.074
Chloroethane	ND		0.37
Trichlorofluoromethane	ND		0.074
1,1-Dichloroethene	ND		0.074
Acetone	ND		0.37
Iodomethane	ND		0.37
Carbon Disulfide	ND		0.074
Methylene Chloride	ND		0.37
(trans) 1,2-Dichloroethene	ND		0.074
Methyl t-Butyl Ether	ND		0.074
1,1-Dichloroethane	ND		0.074
Vinyl Acetate	ND		0.37
2,2-Dichloropropane	ND		0.074
(cis) 1,2-Dichloroethene	ND		0.074
2-Butanone	ND		0.37
Bromochloromethane	ND		0.074
Chloroform	ND		0.074
1,1,1-Trichloroethane	ND		0.074
Carbon Tetrachloride	ND		0.074
1,1-Dichloropropene	ND		0.074
Benzene	ND		0.074
1,2-Dichloroethane	ND		0.074
Trichloroethene	ND		0.074
1,2-Dichloropropane	ND		0.074
Dibromomethane	ND		0.074
Bromodichloromethane	ND		0.074
2-Chloroethyl Vinyl Ether	ND		0.37
(cis) 1,3-Dichloropropene	ND		0.074
Methyl Isobutyl Ketone	ND		0.37
Toluene	ND		0.37
(trans) 1,3-Dichloropropene	ND		0.074

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Lab ID: 10-185-15
Client ID: Product-N Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.074
Tetrachloroethene	ND		0.074
1,3-Dichloropropane	ND		0.074
2-Hexanone	ND		0.37
Dibromochloromethane	ND		0.074
1,2-Dibromoethane	ND		0.074
Chlorobenzene	ND		0.074
1,1,1,2-Tetrachloroethane	ND		0.074
Ethylbenzene	0.099		0.074
m,p-Xylene	ND		0.15
o-Xylene	ND		0.074
Styrene	ND		0.074
Bromoform	ND		0.074
Isopropylbenzene	0.42		0.074
Bromobenzene	ND		0.074
1,1,2,2-Tetrachloroethane	ND		0.074
1,2,3-Trichloropropane	ND		0.074
n-Propylbenzene	0.47		0.074
2-Chlorotoluene	ND		0.074
4-Chlorotoluene	ND		0.074
1,3,5-Trimethylbenzene	ND		0.074
tert-Butylbenzene	ND		0.074
1,2,4-Trimethylbenzene	ND		0.074
sec-Butylbenzene	0.15		0.074
1,3-Dichlorobenzene	ND		0.074
p-Isopropyltoluene	ND		0.074
1,4-Dichlorobenzene	ND		0.074
1,2-Dichlorobenzene	ND		0.074
n-Butylbenzene	0.19		0.074
1,2-Dibromo-3-chloropropane	ND		0.37
1,2,4-Trichlorobenzene	ND		0.074
Hexachlorobutadiene	ND		0.37
Naphthalene	ND		0.074
1,2,3-Trichlorobenzene	ND		0.074

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	90	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-16
Client ID: Product-E1 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.0092		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	0.014		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-185-16
Client ID: Product-E1 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0021
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0076		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0038		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	0.0012		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	88	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-17
Client ID: Product-E2 Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0055
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0055
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.0089		0.0055
Iodomethane	ND		0.0055
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0055
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0055
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0055
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0055
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0055
Toluene	ND		0.0055
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-185-17
Client ID: Product-E2 Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0055
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0055
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0055
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	90	54-130

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-20
Client ID: Product-S Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0069
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0069
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.032		0.0069
Iodomethane	ND		0.0069
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0069
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0069
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0069
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0069
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0069
Toluene	ND		0.0069
(trans) 1,3-Dichloropropene	ND		0.0014

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Lab ID: 10-185-20
Client ID: Product-S Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0069
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0069
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0069
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	55-125
Toluene-d8	92	56-127
4-Bromofluorobenzene	96	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1029S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1029S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	79	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
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Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1030S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	85	54-130

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1029S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0473	95	0.0448	90	70-130	
Benzene	0.0500	0.0385	77	0.0379	76	70-128	
Trichloroethene	0.0500	0.0410	82	0.0417	83	70-124	
Toluene	0.0500	0.0398	80	0.0391	78	73-123	
Chlorobenzene	0.0500	0.0471	94	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	5	16	
Benzene	2	15	
Trichloroethene	2	14	
Toluene	2	14	
Chlorobenzene	1	13	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1030S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0433	87	0.0438	88	70-130	
Benzene	0.0500	0.0405	81	0.0408	82	70-128	
Trichloroethene	0.0500	0.0450	90	0.0409	82	70-124	
Toluene	0.0500	0.0456	91	0.0409	82	73-123	
Chlorobenzene	0.0500	0.0495	99	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	1	15	
Trichloroethene	10	14	
Toluene	11	14	
Chlorobenzene	6	13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10
Client ID: Product-GW-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		100
Chloromethane	ND		500
Vinyl Chloride	ND		100
Bromomethane	ND		100
Chloroethane	ND		500
Trichlorofluoromethane	ND		100
1,1-Dichloroethene	ND		100
Acetone	13000		2500
Iodomethane	ND		500
Carbon Disulfide	ND		100
Methylene Chloride	ND		500
(trans) 1,2-dichloroethene	ND		100
Methyl t-Butyl Ether	ND		100
1,1-Dichloroethane	ND		100
Vinyl Acetate	ND		1000
2,2-Dichloropropane	ND		100
(cis) 1,2-Dichloroethene	ND		100
2-Butanone	ND		2500
Bromochloromethane	ND		100
Chloroform	ND		100
1,1,1-Trichloroethane	ND		100
Carbon Tetrachloride	ND		100
1,1-Dichloropropene	ND		100
Benzene	ND		100
1,2-Dichloroethane	ND		100
Trichloroethene	ND		100
1,2-Dichloropropane	ND		100
Dibromomethane	ND		100
Bromodichloromethane	ND		100
2-Chloroethyl Vinyl Ether	ND		500
(cis) 1,3-Dichloropropene	ND		100
Methyl Isobutyl Ketone	ND		1000
Toluene	17000		500
(trans) 1,3-Dichloropropene	ND		100

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Project: 14697

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Lab ID: 10-185-10
Client ID: Product-GW-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		100
Tetrachloroethene	ND		100
1,3-Dichloropropane	ND		100
2-Hexanone	ND		1000
Dibromochloromethane	ND		100
1,2-Dibromoethane	ND		100
Chlorobenzene	ND		100
1,1,1,2-Tetrachloroethane	ND		100
Ethylbenzene	8100		100
m,p-Xylene	37000		200
o-Xylene	13000		100
Styrene	ND		100
Bromoform	ND		500
Isopropylbenzene	ND		100
Bromobenzene	ND		100
1,1,2,2-Tetrachloroethane	ND		100
1,2,3-Trichloropropane	ND		100
n-Propylbenzene	ND		100
2-Chlorotoluene	ND		100
4-Chlorotoluene	ND		100
1,3,5-Trimethylbenzene	ND		100
tert-Butylbenzene	ND		100
1,2,4-Trimethylbenzene	ND		100
sec-Butylbenzene	ND		100
1,3-Dichlorobenzene	ND		100
p-Isopropyltoluene	ND		100
1,4-Dichlorobenzene	ND		100
1,2-Dichlorobenzene	ND		100
n-Butylbenzene	ND		100
1,2-Dibromo-3-chloropropane	ND		500
1,2,4-Trichlorobenzene	ND		100
Hexachlorobutadiene	ND		100
Naphthalene	ND		500
1,2,3-Trichlorobenzene	ND		100

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	87	70-123

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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-21
Client ID: TRIP BLANK

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.23		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: November 2, 2009
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Lab ID: 10-185-21
Client ID: TRIP BLANK

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	85	70-123

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1026W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1026W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	83	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	5000	4340	87	4260	85	70-130	
Benzene	ND	5000	4490	90	4540	91	81-125	
Trichloroethene	ND	5000	4740	95	4640	93	79-116	
Toluene	17000	5000	22500	110	21800	96	88-118	
Chlorobenzene	ND	5000	4740	95	4890	98	75-121	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	22	
Benzene	1	11	
Trichloroethene	2	11	
Toluene	3	14	
Chlorobenzene	3	14	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13					
Client ID:	**PCS-1**					
Aluminum	**6000**	14	6020	10-23-09	10-23-09	
Antimony	**ND**	5.6	6020	10-26-09	10-26-09	
Arsenic	**ND**	11	6020	10-23-09	10-23-09	
Barium	**24**	2.8	6020	10-23-09	10-23-09	
Cadmium	**ND**	0.56	6020	10-23-09	10-23-09	
Chromium	**11**	1.1	6020	10-23-09	10-23-09	
Copper	**18**	1.1	6020	10-23-09	10-23-09	
Lead	**ND**	5.6	6020	10-23-09	10-23-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**10**	2.8	6020	10-23-09	10-23-09	
Selenium	**ND**	11	6020	10-23-09	10-23-09	
Silver	**1.9**	0.56	6020	10-23-09	10-23-09	
Zinc	**29**	2.8	6020	10-23-09	10-23-09	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1023S1&MB1026S3

Analyte	Method	Result	PQL
Aluminum	6020	**ND**	5.0
Antimony	6020	**ND**	5.0
Arsenic	6020	**ND**	10
Barium	6020	**ND**	2.5
Cadmium	6020	**ND**	0.50
Chromium	6020	**ND**	1.0
Copper	6020	**ND**	0.50
Lead	6020	**ND**	5.0
Nickel	6020	**ND**	2.5
Selenium	6020	**ND**	10
Silver	6020	**ND**	0.50
Zinc	6020	**ND**	2.5

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S1

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

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
DUPLICATE QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-128-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Aluminum	**4740**	**5470**	14	25	
Antimony	**ND**	**ND**	NA	5.0	
Arsenic	**ND**	**ND**	NA	10	
Barium	**24.9**	**23.9**	4	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.48**	**8.06**	7	1.0	
Copper	**11.0**	**13.1**	18	0.50	
Lead	**8.37**	**8.52**	2	5.0	
Nickel	**6.25**	**6.81**	9	2.5	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	
Zinc	**45.5**	**48.1**	5	2.5	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13

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

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6020
MS/MSD QUALITY CONTROL

Date Extracted: 10-23&26-09
Date Analyzed: 10-23&26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-128-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Aluminum	1000	**7390**	265	**6200**	146	17	A
Antimony	100	**94.8**	95	**101**	101	6	
Arsenic	100	**96.1**	96	**100**	100	4	
Barium	100	**125**	100	**126**	101	0	
Cadmium	50	**49.8**	100	**47.2**	94	5	
Chromium	100	**108**	101	**106**	98	2	
Copper	50	**60.3**	99	**62.0**	102	3	
Lead	250	**249**	96	**248**	96	0	
Nickel	100	**103**	97	**106**	99	3	
Selenium	100	**101**	101	**104**	104	3	
Silver	25	**24.0**	96	**23.7**	95	1	
Zinc	100	**149**	104	**152**	106	2	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 7471A
MS/MSD QUALITY CONTROL

Date Extracted: 10-26-09
Date Analyzed: 10-26-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-13

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	**0.526**	105	**0.528**	106	1	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-05					
Client ID:	**Stockpile-P1**					
Arsenic	**ND**	11	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.53	6010B	10-28-09	10-28-09	
Chromium	**15**	0.53	6010B	10-28-09	10-28-09	
Copper	**40**	1.1	6010B	10-28-09	10-28-09	
Lead	**ND**	5.3	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**15**	2.7	6010B	10-28-09	10-28-09	
Zinc	**33**	2.7	6010B	10-28-09	10-28-09	
Lab ID:	10-185-07					
Client ID:	**Stockpile-P2**					
Arsenic	**ND**	10	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.52	6010B	10-28-09	10-28-09	
Chromium	**16**	0.52	6010B	10-28-09	10-28-09	
Copper	**34**	1.0	6010B	10-28-09	10-28-09	
Lead	**ND**	5.2	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.26	7471A	10-26-09	10-26-09	
Nickel	**12**	2.6	6010B	10-28-09	10-28-09	
Zinc	**26**	2.6	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-11					
Client ID:	**Stockpile-P3**					
Arsenic	**ND**	12	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.58	6010B	10-28-09	10-28-09	
Chromium	**17**	0.58	6010B	10-28-09	10-28-09	
Copper	**34**	1.2	6010B	10-28-09	10-28-09	
Lead	**ND**	5.8	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-28-09	10-28-09	
Zinc	**180**	2.9	6010B	10-28-09	10-28-09	
Lab ID:	10-185-18					
Client ID:	**Stockpile-P4**					
Arsenic	**ND**	10	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.52	6010B	10-28-09	10-28-09	
Chromium	**15**	0.52	6010B	10-28-09	10-28-09	
Copper	**35**	1.0	6010B	10-28-09	10-28-09	
Lead	**ND**	5.2	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.26	7471A	10-26-09	10-26-09	
Nickel	**13**	2.6	6010B	10-28-09	10-28-09	
Zinc	**38**	2.6	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-19					
Client ID:	**Stockpile-P5**					
Arsenic	**ND**	11	6010B	10-28-09	10-28-09	
Cadmium	**ND**	0.54	6010B	10-28-09	10-28-09	
Chromium	**14**	0.54	6010B	10-28-09	10-28-09	
Copper	**30**	1.1	6010B	10-28-09	10-28-09	
Lead	**ND**	5.4	6010B	10-28-09	10-28-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**13**	2.7	6010B	10-28-09	10-28-09	
Zinc	**24**	2.7	6010B	10-28-09	10-28-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S2&MB1028S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**12.8**	**13.7**	6	0.50	
Copper	**28.2**	**29.5**	5	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**12.4**	**12.4**	0	2.5	
Zinc	**22.0**	**24.7**	11	2.5	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**84.1**	84	**85.1**	85	1	
Cadmium	50	**45.0**	90	**45.1**	90	0	
Chromium	100	**104**	92	**105**	92	1	
Copper	50	**77.3**	98	**75.9**	96	2	
Lead	250	**216**	86	**217**	87	1	
Mercury	0.50	**0.515**	103	**0.510**	102	1	
Nickel	100	**102**	90	**103**	90	0	
Zinc	100	**118**	96	**115**	93	3	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-01					
Client ID:	**Tank3-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.58	6010B	10-29-09	10-29-09	
Chromium	**16**	0.58	6010B	10-29-09	10-29-09	
Copper	**26**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.8	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-29-09	10-29-09	
Zinc	**27**	2.9	6010B	10-29-09	10-29-09	
Lab ID:	10-185-02					
Client ID:	**Product-W1Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.55	6010B	10-29-09	10-29-09	
Chromium	**8.5**	0.55	6010B	10-29-09	10-29-09	
Copper	**13**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.5	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.27	7471A	10-26-09	10-26-09	
Nickel	**8.3**	2.7	6010B	10-29-09	10-29-09	
Zinc	**32**	2.7	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-03					
Client ID:	**Tank4-B-1009**					
Arsenic	**ND**	13	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.64	6010B	10-29-09	10-29-09	
Chromium	**7.9**	0.64	6010B	10-29-09	10-29-09	
Copper	**13**	1.3	6010B	10-29-09	10-29-09	
Lead	**ND**	6.4	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.32	7471A	10-26-09	10-26-09	
Nickel	**9.1**	3.2	6010B	10-29-09	10-29-09	
Zinc	**29**	3.2	6010B	10-29-09	10-29-09	
Lab ID:	10-185-04					
Client ID:	**Tank5-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.60	6010B	10-29-09	10-29-09	
Chromium	**11**	0.60	6010B	10-29-09	10-29-09	
Copper	**25**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	6.0	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.30	7471A	10-26-09	10-26-09	
Nickel	**12**	3.0	6010B	10-29-09	10-29-09	
Zinc	**23**	3.0	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-06					
Client ID:	**Tank6-B-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**7.8**	0.56	6010B	10-29-09	10-29-09	
Copper	**9.3**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**8.8**	2.8	6010B	10-29-09	10-29-09	
Zinc	**25**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-08					
Client ID:	**Tank7-B-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.57	6010B	10-29-09	10-29-09	
Chromium	**13**	0.57	6010B	10-29-09	10-29-09	
Copper	**33**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.7	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**13**	2.9	6010B	10-29-09	10-29-09	
Zinc	**29**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-09					
Client ID:	**Product-W2Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**8.2**	0.56	6010B	10-29-09	10-29-09	
Copper	**14**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**6.8**	2.8	6010B	10-29-09	10-29-09	
Zinc	**17**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-12					
Client ID:	**Tank8-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.59	6010B	10-29-09	10-29-09	
Chromium	**15**	0.59	6010B	10-29-09	10-29-09	
Copper	**30**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.9	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**15**	2.9	6010B	10-29-09	10-29-09	
Zinc	**27**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-14					
Client ID:	**Tank9-B-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.61	6010B	10-29-09	10-29-09	
Chromium	**17**	0.61	6010B	10-29-09	10-29-09	
Copper	**13**	1.2	6010B	10-29-09	10-29-09	
Lead	**7.2**	6.1	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.31	7471A	10-26-09	10-26-09	
Nickel	**22**	3.1	6010B	10-29-09	10-29-09	
Zinc	**95**	3.1	6010B	10-29-09	10-29-09	
Lab ID:	10-185-15					
Client ID:	**Product-NWall-1009**					
Arsenic	**ND**	13	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.64	6010B	10-29-09	10-29-09	
Chromium	**7.2**	0.64	6010B	10-29-09	10-29-09	
Copper	**9.3**	1.3	6010B	10-29-09	10-29-09	
Lead	**ND**	6.4	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.32	7471A	10-26-09	10-26-09	
Nickel	**6.6**	3.2	6010B	10-29-09	10-29-09	
Zinc	**140**	3.2	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-16					
Client ID:	**Product-E1Wall-1009**					
Arsenic	**ND**	11	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.56	6010B	10-29-09	10-29-09	
Chromium	**13**	0.56	6010B	10-29-09	10-29-09	
Copper	**28**	1.1	6010B	10-29-09	10-29-09	
Lead	**ND**	5.6	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.28	7471A	10-26-09	10-26-09	
Nickel	**13**	2.8	6010B	10-29-09	10-29-09	
Zinc	**24**	2.8	6010B	10-29-09	10-29-09	
Lab ID:	10-185-17					
Client ID:	**Product-E2Wall-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.58	6010B	10-29-09	10-29-09	
Chromium	**18**	0.58	6010B	10-29-09	10-29-09	
Copper	**26**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	5.8	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.29	7471A	10-26-09	10-26-09	
Nickel	**14**	2.9	6010B	10-29-09	10-29-09	
Zinc	**25**	2.9	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-20					
Client ID:	**Product-SWall-1009**					
Arsenic	**ND**	12	6010B	10-29-09	10-29-09	
Cadmium	**ND**	0.61	6010B	10-29-09	10-29-09	
Chromium	**5.6**	0.61	6010B	10-29-09	10-29-09	
Copper	**5.3**	1.2	6010B	10-29-09	10-29-09	
Lead	**ND**	6.1	6010B	10-29-09	10-29-09	
Mercury	**ND**	0.30	7471A	10-26-09	10-26-09	
Nickel	**5.2**	3.0	6010B	10-29-09	10-29-09	
Zinc	**14**	3.0	6010B	10-29-09	10-29-09	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1026S2&MB1028S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**12.8**	**13.7**	6	0.50	
Copper	**28.2**	**29.5**	5	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**12.4**	**12.4**	0	2.5	
Zinc	**22.0**	**24.7**	11	2.5	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-26&28-09
Date Analyzed: 10-26&28-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-185-19

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**84.1**	84	**85.1**	85	1	
Cadmium	50	**45.0**	90	**45.1**	90	0	
Chromium	100	**104**	92	**105**	92	1	
Copper	50	**77.3**	98	**75.9**	96	2	
Lead	250	**216**	86	**217**	87	1	
Mercury	0.50	**0.515**	103	**0.510**	102	1	
Nickel	100	**102**	90	**103**	90	0	
Zinc	100	**118**	96	**115**	93	3	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-10					
Client ID:	**Product-GW-1009**					
Arsenic	**12**	3.3	200.8	10-31-09	10-31-09	
Cadmium	**ND**	4.4	200.8	10-31-09	10-31-09	
Chromium	**30**	11	200.8	10-31-09	10-31-09	
Copper	**110**	11	200.8	10-31-09	10-31-09	
Lead	**14**	1.1	200.8	10-31-09	10-31-09	
Mercury	**ND**	0.5	7470A	10-30-09	10-30-09	
Nickel	**26**	22	200.8	10-31-09	10-31-09	
Zinc	**120**	28	200.8	10-31-09	10-31-09	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1030W1&MB1031W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**12.3**	**12.9**	5	3.3	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**30.1**	**35.8**	17	11	
Copper	**110**	**115**	4	11	
Lead	**14.2**	**14.7**	4	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Nickel	**26.2**	**28.6**	9	22	
Zinc	**117**	**112**	5	28	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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

Date Extracted: 10-30&31-09
Date Analyzed: 10-30&31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**121**	99	**124**	101	3	
Cadmium	110	**111**	101	**110**	100	1	
Chromium	110	**122**	84	**122**	84	0	
Copper	110	**209**	89	**215**	95	3	
Lead	110	**121**	97	**124**	99	2	
Mercury	12.5	**11.6**	93	**12.2**	98	6	
Nickel	110	**124**	89	**131**	95	6	
Zinc	110	**216**	90	**226**	99	5	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-185-13					
Client ID:	**PCS-1**					
Chromium	**ND**	0.020	6010B	10-29-09	10-29-09	
Lead	**ND**	0.20	6010B	10-29-09	10-29-09	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	10-28-09
Date Extracted:	10-29-09
Date Analyzed:	10-29-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1029T1

Analyte	Method	Result	PQL
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 10-28-09
Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-185-13

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Chromium	**ND**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

TCLP Metals
EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 10-28-09
Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-185-13

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Chromium	4.0	**4.20**	105	**4.34**	109	3	
Lead	10	**10.1**	101	**10.3**	103	2	

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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-1**					
Laboratory ID:	10-185-13					
Aroclor 1016	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1221	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1232	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1242	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1248	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1254	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Aroclor 1260	**ND**	0.056	EPA 8082	10-28-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*33-122*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

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:	MB1028S1					
Aroclor 1016	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1221	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1232	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1242	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1248	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1254	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Aroclor 1260	**ND**	0.050	EPA 8082	10-28-09	10-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-185-13										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.394**	**0.425**	0.500	0.500	ND	**79**	**85**	24-125	8	18	
Surrogate:											
DCB						*88*	*80*	*33-122*			

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

Date of Report: November 2, 2009
Samples Submitted: October 23, 2009
Laboratory Reference: 0910-185
Project: 14697

% MOISTURE

Date Analyzed: 10-23&26-09

Client ID	Lab ID	% Moisture
Tank 3-B-1009	10-185-01	14
Product –W1 Wall-1009	10-185-02	9
Tank 4-B-1009	10-185-03	22
Tank 5-B-1009	10-185-04	16
Stockpile-P1	10-185-05	6
Tank 6-B-1009	10-185-06	11
Stockpile-P2	10-185-07	4
Tank 7-B-1009	10-185-08	12
Product-W2 Wall-1009	10-185-09	11
Stockpile-3	10-185-11	14
Tank 8-B-1009	10-185-12	15
PCS-1	10-185-13	10
Tank 9-B-1009	10-185-14	19
Product-N Wall-1009	10-185-15	21
Product-E1 Wall-1009	10-185-16	11
Product E2 Wall-1009	10-185-17	13
Stockpile-P4	10-185-18	5
Stockpile-P5	10-185-19	7
Product-S Wall-1009	10-185-20	18

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The chromatogram is similar to mineral spirits.

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

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

CHAIN-OF-CUSTODY RECORD

10-185 SEA 10009

PROJECT NAME: Kelly - Moore			DATE: 10/22/09 PAGE 1 OF 2
PROJECT NUMBER: 146097	LABORATORY NAME: OnSite	CLIENT INFORMATION: AMEC Geomx	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	2000 University	
TURNAROUND TIME: Std except where noted		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick up / courier	LABORATORY CONTACT: D. Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425-883-3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPH-Gx	NWTPH-Dx	SVOCs (8270)	VOCs (8260)	metals	metals 2	TCLP Pb+Cr	PCBs 8082							Geomoisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/20/09	1450	Tank 3-B-1009	/	/	/	/	/											multiple	S	-	HCl No3 None	Y	N	6	
2	10/21/09	1045	Product-W1 Wall-1009	/	/	/	/	/												S	-	None	Y	N	6	
3		1050	Tank 4-B-1009	/	/	/	/	/												S	-		Y	N	6	
4		1300	Tank 5-B-1009	/	/	/	/	/												S	-		Y	N	6	
5		1335	Stockpile-P1	/	/	/	/	/												S	-		Y	N	6	3 day TAT
6		1450	Tank 6-B-1009	/	/	/	/	/												S	-		Y	N	6	
7	↓	1605	Stockpile-P2	/	/	/	/	/												S	-		Y	N	6	3 day TAT
8	10/22/09	855	Tank 7-B-1009	/	/	/	/	/												S	-		Y	N	6	
9		900	Product-W2 Wall-1009	/	/	/	/	/												S	-	↓	Y	N	6	
10		1025	Product-GW-1009	/	/	/	/	/												W	2	HCl No3	Y	Y	15	
11		1050	Stockpile-P3	/	/	/	/	/												S	-	None	Y	N	6	3 day TAT
12		1105	Tank 8-B-1009	/	/	/	/	/												S	-	None	Y	N	6	
13		1135	PCS-1	/	/	/	/		/	⊗	⊗									S	-	None	Y	N	8	24 Hr TAT
14		1355	Tank 9-B-1009	/	/	/	/	/												S	-	None	Y	N	6	
15	↓	1400	Product-N Wall-1009	/	/	/	/	/												S	-	None	Y	N	6	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/23/09	900	SIGNATURE:	10/23/09	9:00
PRINTED NAME: Abby Bacon			PRINTED NAME: Speedy		
COMPANY: AMEC GMX			COMPANY: #24		
SIGNATURE:	10/23/09	9:40	SIGNATURE:	10/23/09	9:45
PRINTED NAME:			PRINTED NAME: M VOWN		
COMPANY: Speedy #24			COMPANY: OGE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 150

SAMPLING COMMENTS:

metals = As, Cd, Cu, Cr, Pb, Ni, Hg, Zn (6010 & 6020)
Acid wash / Silica Gel cleanup for TPH-Dx
metals 2 = RCRA 8 + Al, Cu, Ni, Sb, Zn
@Added 10/28/09.DB (1 day TAT)

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

CHAIN-OF-CUSTODY RECORD

10-185 SEA 10010

PROJECT NAME: Kelly-Moore			DATE: 10/22/09 PAGE 2 OF 2
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	
TURNAROUND TIME: 24 hr except as noted		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up/courier	LABORATORY CONTACT: E. Daumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425-883-3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

	DATE	TIME	SAMPLE NUMBER	TPH-Gx	NWTPH-Dx	SVOCs (8270)	VOCs (8260)	metals	% moisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
16	10/22/09	1500	Product-E1 Wall-1009	/	/	/	/	/	X	multiple	S	-	None	4	2	6	
17		1515	Product-E2 Wall-1009	/	/	/	/	/			S	-	None	4	2	6	
18		1525	Stockpile - P4	/	/	/	/	/			S	-	None	4	2	6	3 day TAT
19	↓	1530	Stockpile - P5	/	/	/	/	/		↓	S	-	~~Hcl~~ None	4	~~2~~ 3	12	3 day TAT
20	10/20/09	1445	Product-S Wall-1009	/	/	/	/	/	↓	multiple	S	-	None	4	2	6	
21	-	-	TRIP BLANK				/				W					4	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/23/09	900	SIGNATURE:	10/22/09	9am
PRINTED NAME: Abby Bazin			PRINTED NAME: Speedy		
COMPANY: AMEC GMX			COMPANY: #24		
SIGNATURE:	10/23/09	9:40	SIGNATURE:	10/23/09	945
PRINTED NAME:			PRINTED NAME: MVOLN		
COMPANY: Speedy			COMPANY: OBE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

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

November 4, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-238

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 29, 2009.

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

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

Case Narrative

Samples were collected on October 29, 2009, and received by the laboratory on October 29, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx/BTEX 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 chromatograms for samples NW Pipe-5.0-1009 and NW Pipe-0.5-1009 are similar to mineral spirits.

The chromatograms for samples NW Pipe-2.0-1009 and NW Pipe-2.5-1009 are similar to mineral spirits with gasoline range organics.

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

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.

Semivolatiles EPA 8270D/SIM Analysis

Samples NW Pipe-2.0-1009 and NW Pipe-0.5-1009 had one surrogate recovery out of control limits. This is within allowance of our standard operation procedure as long as the recovery is above 10%.

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

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
N-Nitrosodimethylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**2.6**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Naphthalene	**1.1**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**1.4**	0.23	EPA 8270	10-31-09	11-2-09	
1-Methylnaphthalene	**1.2**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
3-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
4-Nitrophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**0.40**	0.23	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Fluorene	**0.082**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	1.1	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.84**	0.23	EPA 8270	10-31-09	11-2-09	
Anthracene	**0.092**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Carbazole	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.69**	0.23	EPA 8270	10-31-09	11-2-09	
Benzidine	**ND**	2.3	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.94**	0.23	EPA 8270	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	2.3	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**0.33**	0.23	EPA 8270	10-31-09	11-2-09	
Chrysene	**0.47**	0.23	EPA 8270	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.23	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.52**	0.23	EPA 8270	10-31-09	11-2-09	
Benzo[k]fluoranthene	**0.14**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[a]pyrene	**0.54**	0.23	EPA 8270	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**0.34**	0.23	EPA 8270	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**0.077**	0.045	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[g,h,i]perylene	**0.47**	0.23	EPA 8270	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*16*	*19 - 97*				Q
Phenol-d6	*87*	*22 - 108*				
Nitrobenzene-d5	*100*	*21 - 106*				
2-Fluorobiphenyl	*92*	*29 - 107*				
2,4,6-Tribromophenol	*70*	*44 - 121*				
Terphenyl-d14	*85*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
N-Nitrosodimethylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Naphthalene	**0.072**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**0.031**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
1-Methylnaphthalene	**0.025**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
3-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
4-Nitrophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
4,6-Dinitro-2-methylphenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.25	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.015**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Carbazole	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzidine	**ND**	0.49	EPA 8270	10-31-09	11-2-09	
Pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	0.49	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Chrysene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.049	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[k]fluoranthene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*19 - 97*				
Phenol-d6	*75*	*22 - 108*				
Nitrobenzene-d5	*87*	*21 - 106*				
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*68*	*44 - 121*				
Terphenyl-d14	*75*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
N-Nitrosodimethylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Naphthalene	**0.0083**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4-Chloroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**0.010**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
1-Methylnaphthalene	**0.010**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
3-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4-Nitrophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**0.017**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Anthracene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Carbazole	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.023**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzidine	**ND**	0.38	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.023**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**0.012**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Chrysene	**0.016**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
bis(2-Ethylhexyl)phthalate	**0.041**	0.038	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.017**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[a]pyrene	**0.015**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Indeno[1,2,3-cd]pyrene	**0.012**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Benzo[g,h,i]perylene	**0.015**	0.0077	EPA 8270/SIM	10-31-09	11-2-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*19 - 97*				
Phenol-d6	*63*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*69*	*29 - 107*				
2,4,6-Tribromophenol	*63*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
N-Nitrosodimethylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Pyridine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Phenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Aniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Chlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Benzyl alcohol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachloroethane	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Nitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Isophorone	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Nitrophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Naphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4-Chloroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachlorobutadiene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Methylnaphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
1-Methylnaphthalene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Acenaphthylene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
2,4-Dinitrophenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
Acenaphthene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Dibenzofuran	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Diethylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Fluorene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Pentachlorophenol	**ND**	0.91	EPA 8270	10-31-09	11-2-09	
Phenanthrene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Carbazole	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Fluoranthene	**0.043**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzidine	**ND**	1.8	EPA 8270	10-31-09	11-2-09	
Pyrene	**0.13**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	10-31-09	11-2-09	
Benzo[a]anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Chrysene	**0.052**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
bis(2-Ethylhexyl)phthalate	**1.4**	0.18	EPA 8270	10-31-09	11-2-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	10-31-09	11-2-09	
Benzo[b]fluoranthene	**0.10**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[k]fluoranthene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[a]pyrene	**0.098**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Indeno[1,2,3-cd]pyrene	**0.075**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Benzo[g,h,i]perylene	**0.12**	0.036	EPA 8270/SIM	10-31-09	11-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*66*	*19 - 97*				
Phenol-d6	*79*	*22 - 108*				
Nitrobenzene-d5	*136*	*21 - 106*				Q
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*58*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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:	MB1031S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Pyridine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Phenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Aniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Isophorone	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1031S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-31-09	10-31-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Carbazole	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzidine	**ND**	0.33	EPA 8270	10-31-09	10-31-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-31-09	10-31-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-31-09	10-31-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-31-09	10-31-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*78*	*22 - 108*				
Nitrobenzene-d5	*78*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*73*	*44 - 121*				
Terphenyl-d14	*78*	*37 - 120*				

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-251-03										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.977**	**0.984**	1.33	1.33	ND	73	74	38 - 97	1	30	
2-Chlorophenol	**0.872**	**0.864**	1.33	1.33	ND	66	65	28 - 102	1	38	
1,4-Dichlorobenzene	**0.361**	**0.373**	0.667	0.667	ND	54	56	14 - 84	3	41	
N-Nitroso-di-n-propylamine	**0.467**	**0.467**	0.667	0.667	ND	70	70	25 - 104	0	39	
1,2,4-Trichlorobenzene	**0.407**	**0.411**	0.667	0.667	ND	61	62	23 - 93	1	37	
4-Chloro-3-methylphenol	**1.07**	**1.05**	1.33	1.33	ND	80	79	49 - 113	2	31	
Acenaphthene	**0.484**	**0.472**	0.667	0.667	ND	73	71	37 - 101	3	40	
4-Nitrophenol	**0.973**	**0.973**	1.33	1.33	ND	73	73	30 - 136	0	31	
2,4-Dinitrotoluene	**0.484**	**0.471**	0.667	0.667	ND	73	71	36 - 122	3	32	
Pentachlorophenol	**0.901**	**0.828**	1.33	1.33	ND	68	62	15 - 143	8	34	
Pyrene	**0.519**	**0.511**	0.667	0.667	ND	78	77	24 - 138	2	39	
Surrogate:											
2-Fluorophenol						*60*	*58*	*19 - 97*			
Phenol-d6						*66*	*64*	*22 - 108*			
Nitrobenzene-d5						*60*	*59*	*21 - 106*			
2-Fluorobiphenyl						*69*	*66*	*29 - 107*			
2,4,6-Tribromophenol						*67*	*65*	*44 - 121*			
Terphenyl-d14						*72*	*69*	*37 - 120*			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-2-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-01
Client ID: NW Pipe-2.0-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.083
Chloromethane	ND		0.41
Vinyl Chloride	ND		0.083
Bromomethane	ND		0.083
Chloroethane	ND		0.41
Trichlorofluoromethane	2.4		0.083
1,1-Dichloroethene	ND		0.083
Acetone	15		8.3
Iodomethane	ND		0.41
Carbon Disulfide	ND		0.083
Methylene Chloride	ND		0.41
(trans) 1,2-Dichloroethene	ND		0.083
Methyl t-Butyl Ether	ND		0.083
1,1-Dichloroethane	ND		0.083
Vinyl Acetate	ND		0.41
2,2-Dichloropropane	ND		0.083
(cis) 1,2-Dichloroethene	ND		0.083
2-Butanone	7.3		0.41
Bromochloromethane	ND		0.083
Chloroform	ND		0.083
1,1,1-Trichloroethane	ND		0.083
Carbon Tetrachloride	ND		0.083
1,1-Dichloropropene	ND		0.083
Benzene	ND		0.083
1,2-Dichloroethane	ND		0.083
Trichloroethene	ND		0.083
1,2-Dichloropropane	ND		0.083
Dibromomethane	ND		0.083
Bromodichloromethane	ND		0.083
2-Chloroethyl Vinyl Ether	ND		0.41
(cis) 1,3-Dichloropropene	ND		0.083
Methyl Isobutyl Ketone	150		8.3
Toluene	79		8.3
(trans) 1,3-Dichloropropene	ND		0.083

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 10-238-01
Client ID: NW Pipe-2.0-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.083
Tetrachloroethene	ND		0.083
1,3-Dichloropropane	ND		0.083
2-Hexanone	ND		0.41
Dibromochloromethane	ND		0.083
1,2-Dibromoethane	ND		0.083
Chlorobenzene	ND		0.083
1,1,1,2-Tetrachloroethane	ND		0.083
Ethylbenzene	0.42		0.083
m,p-Xylene	1.2		0.17
o-Xylene	0.29		0.083
Styrene	ND		0.083
Bromoform	ND		0.083
Isopropylbenzene	ND		0.083
Bromobenzene	ND		0.083
1,1,2,2-Tetrachloroethane	ND		0.083
1,2,3-Trichloropropane	ND		0.083
n-Propylbenzene	ND		0.083
2-Chlorotoluene	ND		0.083
4-Chlorotoluene	ND		0.083
1,3,5-Trimethylbenzene	ND		0.083
tert-Butylbenzene	ND		0.083
1,2,4-Trimethylbenzene	ND		0.083
sec-Butylbenzene	ND		0.083
1,3-Dichlorobenzene	ND		0.083
p-Isopropyltoluene	ND		0.083
1,4-Dichlorobenzene	ND		0.083
1,2-Dichlorobenzene	ND		0.083
n-Butylbenzene	ND		0.083
1,2-Dibromo-3-chloropropane	ND		0.41
1,2,4-Trichlorobenzene	ND		0.083
Hexachlorobutadiene	ND		0.41
Naphthalene	ND		0.083
1,2,3-Trichlorobenzene	ND		0.083

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	85	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-2-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-02
Client ID: NW Pipe-2.5-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.085
Chloromethane	ND		0.42
Vinyl Chloride	ND		0.085
Bromomethane	ND		0.085
Chloroethane	ND		0.42
Trichlorofluoromethane	ND		0.085
1,1-Dichloroethene	ND		0.085
Acetone	15		0.42
Iodomethane	ND		0.42
Carbon Disulfide	ND		0.085
Methylene Chloride	ND		0.42
(trans) 1,2-Dichloroethene	ND		0.085
Methyl t-Butyl Ether	ND		0.085
1,1-Dichloroethane	ND		0.085
Vinyl Acetate	ND		0.42
2,2-Dichloropropane	ND		0.085
(cis) 1,2-Dichloroethene	ND		0.085
2-Butanone	2.5		0.42
Bromochloromethane	ND		0.085
Chloroform	ND		0.085
1,1,1-Trichloroethane	ND		0.085
Carbon Tetrachloride	ND		0.085
1,1-Dichloropropene	ND		0.085
Benzene	ND		0.085
1,2-Dichloroethane	ND		0.085
Trichloroethene	ND		0.085
1,2-Dichloropropane	ND		0.085
Dibromomethane	ND		0.085
Bromodichloromethane	ND		0.085
2-Chloroethyl Vinyl Ether	ND		0.42
(cis) 1,3-Dichloropropene	ND		0.085
Methyl Isobutyl Ketone	54		8.5
Toluene	ND		0.42
(trans) 1,3-Dichloropropene	ND		0.085

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 10-238-02
Client ID: NW Pipe-2.5-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.085
Tetrachloroethene	ND		0.085
1,3-Dichloropropane	ND		0.085
2-Hexanone	ND		0.42
Dibromochloromethane	ND		0.085
1,2-Dibromoethane	ND		0.085
Chlorobenzene	ND		0.085
1,1,1,2-Tetrachloroethane	ND		0.085
Ethylbenzene	7.6		0.085
m,p-Xylene	0.88		0.17
o-Xylene	ND		0.085
Styrene	ND		0.085
Bromoform	ND		0.085
Isopropylbenzene	ND		0.085
Bromobenzene	ND		0.085
1,1,2,2-Tetrachloroethane	ND		0.085
1,2,3-Trichloropropane	ND		0.085
n-Propylbenzene	0.091		0.085
2-Chlorotoluene	ND		0.085
4-Chlorotoluene	ND		0.085
1,3,5-Trimethylbenzene	ND		0.085
tert-Butylbenzene	ND		0.085
1,2,4-Trimethylbenzene	ND		0.085
sec-Butylbenzene	ND		0.085
1,3-Dichlorobenzene	ND		0.085
p-Isopropyltoluene	ND		0.085
1,4-Dichlorobenzene	ND		0.085
1,2-Dichlorobenzene	ND		0.085
n-Butylbenzene	ND		0.085
1,2-Dibromo-3-chloropropane	ND		0.42
1,2,4-Trichlorobenzene	ND		0.085
Hexachlorobutadiene	ND		0.42
Naphthalene	ND		0.085
1,2,3-Trichlorobenzene	ND		0.085

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	87	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-2&3-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03
Client ID: NW Pipe-5.0-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.12		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.025		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	0.068		0.0061
Toluene	0.24		0.060
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-238-03
Client ID: NW Pipe-5.0-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.031		0.0012
m,p-Xylene	0.080		0.0024
o-Xylene	0.0087		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.012		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	0.012		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.0018		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	0.0026		0.0012
sec-Butylbenzene	0.0085		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	0.011		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	102	54-130

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Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-2&3-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-04
Client ID: NW Pipe-0.5-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	0.0060		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.83		0.32
Iodomethane	ND		0.0054
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.047		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	0.20		0.0054
Toluene	1.5		0.32
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-238-04
Client ID: NW Pipe-0.5-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	0.0060		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.063		0.0011
m,p-Xylene	1.9		0.13
o-Xylene	0.57		0.064
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.011		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.027		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	0.78		0.064
tert-Butylbenzene	0.0018		0.0011
1,2,4-Trimethylbenzene	1.4		0.064
sec-Butylbenzene	0.015		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	0.026		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	0.027		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	124	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1102S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB1102S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	86	54-130

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1103S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: November 4, 2009
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VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0485/0.0464	0.0357	73	0.0334	72	70-130	
Benzene	ND	0.0485/0.0464	0.0381	78	0.0369	80	70-130	
Trichloroethene	ND	0.0485/0.0464	0.0399	82	0.0394	85	70-124	
Toluene	ND	0.0485/0.0464	0.0385	79	0.0401	86	70-130	
Chlorobenzene	ND	0.0485/0.0464	0.0449	92	0.0433	93	72-127	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	3	17	
Trichloroethene	4	13	
Toluene	8	16	
Chlorobenzene	1	15	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1103S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0547	109	0.0566	113	70-130	
Benzene	0.0500	0.0478	96	0.0480	96	70-128	
Trichloroethene	0.0500	0.0503	101	0.0500	100	70-124	
Toluene	0.0500	0.0478	96	0.0471	94	73-123	
Chlorobenzene	0.0500	0.0533	107	0.0512	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	16	
Benzene	0	15	
Trichloroethene	1	14	
Toluene	1	14	
Chlorobenzene	4	13	

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Date of Report: November 4, 2009
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VOLATILES by EPA 8260B
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Date Extracted:	10-30-09
Date Analyzed:	10-30-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	10-238-05
Client ID:	**Trip blank**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.34		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 10-238-05
Client ID: Trip blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	97	76-116
4-Bromofluorobenzene	84	70-123

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Date of Report: November 4, 2009
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1030W2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB1030W2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	71-126
Toluene-d8	95	76-116
4-Bromofluorobenzene	83	70-123

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Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB1030W2

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	10.6	106	10.8	108	70-130	
Benzene	10.0	10.9	109	11.3	113	70-130	
Trichloroethene	10.0	10.3	103	10.3	103	70-123	
Toluene	10.0	10.8	108	11.1	111	77-120	
Chlorobenzene	10.0	9.28	93	9.44	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	21	
Benzene	4	18	
Trichloroethene	0	18	
Toluene	3	17	
Chlorobenzene	2	18	

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Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01					
Client ID:	**NW Pipe-2.0-1009**					
Arsenic	**ND**	14	6010B	11-3-09	11-3-09	
Barium	**400**	34	6010B	11-3-09	11-4-09	
Cadmium	**ND**	0.68	6010B	11-3-09	11-3-09	
Chromium	**9.0**	0.68	6010B	11-3-09	11-3-09	
Lead	**28**	6.8	6010B	11-3-09	11-3-09	
Mercury	**ND**	0.34	7471A	11-4-09	11-4-09	
Selenium	**ND**	14	6010B	11-3-09	11-3-09	
Silver	**ND**	0.68	6010B	11-3-09	11-3-09	
Lab ID:	10-238-02					
Client ID:	**NW Pipe-2.5-1009**					
Arsenic	**ND**	15	6010B	11-3-09	11-3-09	
Barium	**1400**	37	6010B	11-3-09	11-4-09	
Cadmium	**ND**	0.73	6010B	11-3-09	11-3-09	
Chromium	**3.1**	0.73	6010B	11-3-09	11-3-09	
Lead	**ND**	7.3	6010B	11-3-09	11-3-09	
Mercury	**0.83**	0.37	7471A	11-4-09	11-4-09	
Selenium	**ND**	15	6010B	11-3-09	11-3-09	
Silver	**ND**	0.73	6010B	11-3-09	11-3-09	

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Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-03					
Client ID:	**NW Pipe-5.0-1009**					
Arsenic	**ND**	11	6010B	11-3-09	11-3-09	
Barium	**24**	2.9	6010B	11-3-09	11-3-09	
Cadmium	**ND**	0.57	6010B	11-3-09	11-3-09	
Chromium	**9.0**	0.57	6010B	11-3-09	11-3-09	
Lead	**ND**	5.7	6010B	11-3-09	11-3-09	
Mercury	**ND**	0.29	7471A	11-4-09	11-4-09	
Selenium	**ND**	11	6010B	11-3-09	11-3-09	
Silver	**ND**	0.57	6010B	11-3-09	11-3-09	
Lab ID:	10-238-04					
Client ID:	**NW Pipe-0.5-1009**					
Arsenic	**ND**	11	6010B	11-3-09	11-3-09	
Barium	**44**	2.7	6010B	11-3-09	11-3-09	
Cadmium	**ND**	0.54	6010B	11-3-09	11-3-09	
Chromium	**22**	0.54	6010B	11-3-09	11-3-09	
Lead	**24**	5.4	6010B	11-3-09	11-3-09	
Mercury	**6.2**	2.7	7471A	11-4-09	11-4-09	
Selenium	**ND**	11	6010B	11-3-09	11-3-09	
Silver	**ND**	0.54	6010B	11-3-09	11-3-09	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S3&MB1104S1

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

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**20.9**	**23.0**	9	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.85**	**7.25**	8	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	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**99.7**	100	**98.1**	98	2	
Barium	100	**119**	98	**121**	100	2	
Cadmium	50	**47.4**	95	**47.2**	94	1	
Chromium	100	**104**	97	**105**	97	0	
Lead	250	**216**	87	**219**	88	1	
Mercury	0.50	**0.520**	104	**0.515**	103	1	
Selenium	100	**95.7**	96	**94.0**	94	2	
Silver	25	**24.2**	97	**24.1**	96	0	

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-2.0-1009**					
Laboratory ID:	10-238-01					
Aroclor 1016	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.27	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*33-122*				
Client ID:	**NW Pipe-2.5-1009**					
Laboratory ID:	10-238-02					
Aroclor 1016	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.074	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**0.69**	0.074	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*33-122*				
Client ID:	**NW Pipe-5.0-1009**					
Laboratory ID:	10-238-03					
Aroclor 1016	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.057	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*33-122*				

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NW Pipe-0.5-1009**					
Laboratory ID:	10-238-04					
Aroclor 1016	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1221	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1232	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1242	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1248	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1254	**ND**	0.054	EPA 8082	10-30-09	11-4-09	
Aroclor 1260	**0.16**	0.054	EPA 8082	10-30-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*68*	*33-122*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Lab Traveler: 0910-238
Project: 14697

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:	MB1030S1					
Aroclor 1016	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-237-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.480**	**0.458**	0.500	0.500	ND	**96**	**92**	24-125	5	18	
Surrogate:											
DCB						*94*	*95*	*33-122*			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01				
Client ID:	**NW Pipe-2.0-1009**				
TPH-Gas	**290**	8.7	10-30-09	10-30-09	Z1
Surrogate: Fluorobenzene	101%	53-126			
Lab ID:	10-238-02				
Client ID:	**NW Pipe-2.5-1009**				
TPH-Gas	**920**	22	10-30-09	11-2-09	Z1
Surrogate: Fluorobenzene	89%	53-126			
Lab ID:	10-238-03				
Client ID:	**NW Pipe-5.0-1009**				
TPH-Gas	**310**	7.0	10-30-09	10-30-09	Z
Surrogate: Fluorobenzene	100%	53-126			
Lab ID:	10-238-04				
Client ID:	**NW Pipe-0.5-1009**				
TPH-Gas	**380**	6.2	10-30-09	11-2-09	Z
Surrogate: Fluorobenzene	92%	53-126			

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	100%		

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-01 **Original**	10-228-01 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	100%		

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

Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01				
Client ID:	**NW Pipe-2.0-1009**				
Diesel Range	**ND**	600	10-31-09	11-1-09	Y,U1
Lube Oil	**1300**	68	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	82%	50-150			
Lab ID:	10-238-02				
Client ID:	**NW Pipe-2.5-1009**				
Diesel Range	**ND**	1000	10-31-09	11-1-09	Y,U1
Lube Oil	**220**	73	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	88%	50-150			
Lab ID:	10-238-03				
Client ID:	**NW Pipe-5.0-1009**				
Diesel Range	**ND**	73	10-31-09	11-1-09	Y,U1
Lube Oil Range	**ND**	57	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	102%	50-150			
Lab ID:	10-238-04				
Client ID:	**NW Pipe-0.5-1009**				
Diesel Range	**ND**	180	10-31-09	11-1-09	Y,U1
Lube Oil	**280**	54	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	63%	50-150			

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-31-09
Date Analyzed:	11-1-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1031S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	99%
Flags:	Y

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 11-1-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-238-03	10-238-03 DUP
Diesel Range:	**ND**	**ND**
PQL:	64	35
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	102%	89%
Flags:	Y,U1	Y,U1

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Date of Report: November 4, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238
Project: 14697

% MOISTURE

Date Analyzed: 10-30-09

Client ID	Lab ID	% Moisture
NW Pipe-2.0-1009	10-238-01	26
NW Pipe-2.5-1009	10-238-02	32
NW Pipe-5.0-1009	10-238-03	13
NW Pipe-0.5-1009	10-238-04	8

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

Z1 - The sample chromatogram is similar to mineral spirits with GRO.

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

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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CHAIN-OF-CUSTODY RECORD

SEA 10016

PROJECT NAME: Kelly-Moore			DATE: 10/29/09 PAGE 1 OF 1
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	10-238
TURNAROUND TIME: Standard		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up	LABORATORY CONTACT: Dana Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425 883 3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	SVOCs (8270)	VOCs (8260)	Lead & metals	PCBs	TPH-Gx	TPH-Dx	% Moisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/29/09	810	NW Pipe-2.0-1009	/	/	/	/	/	/	X	8oz jar + VOA	S	Y	None	Y	N	7	
2		820	NW Pipe-2.5-1009	/	/	/	/	/	/			S	Y		Y	N	7	
3		825	NW Pipe-5.0-1009	/	/	/	/	/	/			S	Y		Y	N	7	
4	↓	855	NW Pipe-0.5-1009	/	/	/	/	/	/	↓	↓	S	Y	↓	Y	N	7	
5	—	—	Trip Blank		/						VOA	W	N	HCl	Y	N	2	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	10/29/09	1400	SIGNATURE:	10/29/09	1400
PRINTED NAME: Abby Bazin			PRINTED NAME:		
COMPANY: AMEC GMX			COMPANY: Speedy		
SIGNATURE: Van	10/29/09	1400	SIGNATURE:	10/29/09	1400
PRINTED NAME:			PRINTED NAME: MVOLN		
COMPANY: Speedy			COMPANY: OSE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: Acid wash/Silica gel cleanup for TPH-Dx

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

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

November 10, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-238B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 29, 2009.

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

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

Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

Case Narrative

Samples were collected on October 29, 2009, and received by the laboratory on October 29, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-238-01					
Client ID:	**NWPipe-2.0-1009**					
Lead	**ND**	0.20	6010B	11-9-09	11-10-09	
Lab ID:	10-238-02					
Client ID:	**NWPipe-2.5-1009**					
Barium	**0.89**	0.20	6010B	11-9-09	11-10-09	
Mercury	**ND**	0.0050	7470A	11-9-09	11-9-09	
Lab ID:	10-238-04					
Client ID:	**NWPipe-0.5-1009**					
Chromium	**ND**	0.020	6010B	11-9-09	11-9-09	
Lead	**ND**	0.20	6010B	11-9-09	11-9-09	
Mercury	**ND**	0.0050	7470A	11-9-09	11-9-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
METHOD BLANK QUALITY CONTROL

Date Prepared:	11-6-09
Date Extracted:	11-9-09
Date Analyzed:	11-9-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1109T1&MB1109T2

Analyte	Method	Result	PQL
Barium	6010B	**ND**	0.20
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20
Mercury	7470A	**ND**	0.0050

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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
DUPLICATE QUALITY CONTROL

Date Prepared: 11-6-09
Date Extracted: 11-9-09
Date Analyzed: 11-9-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-238-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Barium	**0.578**	**0.574**	1	0.20	
Chromium	**ND**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	
Mercury	**ND**	**ND**	NA	0.0050	

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Date of Report: November 10, 2009
Samples Submitted: October 29, 2009
Laboratory Reference: 0910-238B
Project: 14697

TCLP METALS
EPA 1311/6010B/7470A
MS/MSD QUALITY CONTROL

Date Prepared: 11-6-09
Date Extracted: 11-9-09
Date Analyzed: 11-9-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-238-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Barium	4.0	**4.85**	107	**4.59**	100	6	
Chromium	4.0	**4.68**	117	**4.42**	111	6	
Lead	10	**11.4**	114	**10.8**	108	5	
Mercury	0.025	**0.0231**	92	**0.0245**	98	6	

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OnSite Environmental Inc.

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

Z1 - The sample chromatogram is similar to mineral spirits with GRO.

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

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

CHAIN-OF-CUSTODY RECORD

SEA 10016

PROJECT NAME: Kelly-Moore			DATE: 10/29/09 PAGE 1 OF 1
PROJECT NUMBER: 14697	LABORATORY NAME: Onsite	CLIENT INFORMATION: AMEC GMX	REPORTING REQUIREMENTS:
RESULTS TO: Tasya Gray	LABORATORY ADDRESS:	600 University St	10-238
TURNAROUND TIME: Standard		STE 1020	
SAMPLE SHIPMENT METHOD: lab pick-up	LABORATORY CONTACT: Paul Baumeister	Seattle WA 98101	GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 425 883 3881		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	SVOCs (8270)	VOCs (8260)	Izpra 8 metals	PCBs	TPH-Gx	TPH-Dx	TCLP Hg	TCLP Pb	TCLP Cr	TCLP Ba				90 MS/MSD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	10/29/09	810	NW Pipe-2.0-1009	/	/	/	/	/	/		⊗						X	8oz jar + VOA	S	1	None	4	2	7	
2		820	NW Pipe-2.5-1009	/	/	/	/	/	/	⊗			⊗						S	1		4	2	7	
3		825	NW Pipe-5.0-1009	/	/	/	/	/	/										S	1		4	2	7	
4	↓	855	NW Pipe-0.5-1009	/	/	/	/	/	/	⊗	⊗	⊗					↓	↓	S	1	↓	4	2	7	
5	—	—	Trip blank		/													VOA	W	N	HCl	4	2	2	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:			SIGNATURE: Van		
PRINTED NAME: Abby Bazin	10/29/09	1400	PRINTED NAME:	10/29/09	1400
COMPANY: AMEC GMX			COMPANY: Speedy		
SIGNATURE: Van			SIGNATURE:		
PRINTED NAME:	10/29/09	1400	PRINTED NAME: MVOU	10/29/30	1400
COMPANY: Speedy			COMPANY: OSE		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: Acid wash/Silica gel cleanup for TPH-Dx

⊗ Added 11/6/09. DB (2 day TAT)

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
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Geomatrix

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

November 25, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0911-103

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 13, 2009.

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

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

Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

Case Narrative

Samples were collected on November 13, 2009, and received by the laboratory on November 13, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

Some MTCA Method A cleanup levels are non-achievable for samples TP4-8-1109 and Product-W2b Wall-1109 due to the necessary dilution of the samples.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample TP4-1-1109 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 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.

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01				
Client ID:	**TP4-8-1109**				
TPH-Gas	**970**	11	11-18-09	11-18-09	Z
Surrogate: Fluorobenzene	102%	53-126			
Lab ID:	11-103-02				
Client ID:	**Product-W2b Wall-1109**				
TPH-Gas	**760**	110	11-18-09	11-19-09	Z
Surrogate: Fluorobenzene	96%	53-126			
Lab ID:	11-103-03				
Client ID:	**Product-W1b Wall-1109**				
TPH-Gas	**120**	12	11-18-09	11-19-09	Z
Surrogate: Fluorobenzene	100%	53-126			
Lab ID:	11-103-05				
Client ID:	**TP4-1-1109**				
TPH-Gas	**ND**	8.3	11-18-09	11-18-09	
Surrogate: Fluorobenzene	98%	53-126			

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
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NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-18-09
Date Analyzed:	11-18-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1118S2

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	91%		

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
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NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-117-15 **Original**	11-117-15 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	107%	110%		

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01				
Client ID:	**TP4-8-1109**				
Diesel Range	**ND**	54	11-20-09	11-20-09	Y,U1
Lube Oil Range	**ND**	55	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	71%	50-150			
Lab ID:	11-103-02				
Client ID:	**Product-W2b Wall-1109**				
Diesel Range	**ND**	97	11-20-09	11-20-09	Y,U1
Lube Oil Range	**ND**	54	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	84%	50-150			
Lab ID:	11-103-03				
Client ID:	**Product-W1b Wall-1109**				
Diesel Range	**ND**	28	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	56	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	86%	50-150			
Lab ID:	11-103-05				
Client ID:	**TP4-1-1109**				
Diesel Range	**ND**	34	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	68	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	77%	50-150			

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Date of Report: November 25, 2009
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NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1120S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	85%
Flags:	Y

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NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-132-01	11-132-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	71%	76%
Flags:	Y	Y

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Date of Report: November 25, 2009
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VOLATILES by EPA 8260B
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Date Extracted: 11-16-09
Date Analyzed: 11-16&17-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-01
Client ID: TP4-8-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.056
Chloromethane	ND		0.28
Vinyl Chloride	ND		0.056
Bromomethane	ND		0.056
Chloroethane	ND		0.28
Trichlorofluoromethane	ND		0.056
1,1-Dichloroethene	ND		0.056
Acetone	ND		0.28
Iodomethane	ND		0.28
Carbon Disulfide	ND		0.056
Methylene Chloride	ND		0.28
(trans) 1,2-Dichloroethene	ND		0.056
Methyl t-Butyl Ether	ND		0.056
1,1-Dichloroethane	ND		0.056
Vinyl Acetate	ND		0.28
2,2-Dichloropropane	ND		0.056
(cis) 1,2-Dichloroethene	ND		0.056
2-Butanone	ND		0.28
Bromochloromethane	ND		0.056
Chloroform	ND		0.056
1,1,1-Trichloroethane	ND		0.056
Carbon Tetrachloride	ND		0.056
1,1-Dichloropropene	ND		0.056
Benzene	ND		0.056
1,2-Dichloroethane	ND		0.056
Trichloroethene	ND		0.056
1,2-Dichloropropane	ND		0.056
Dibromomethane	ND		0.056
Bromodichloromethane	ND		0.056
2-Chloroethyl Vinyl Ether	ND		0.28
(cis) 1,3-Dichloropropene	ND		0.056
Methyl Isobutyl Ketone	ND		0.28
Toluene	ND		0.28
(trans) 1,3-Dichloropropene	ND		0.056

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Date of Report: November 25, 2009
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Lab ID: 11-103-01
Client ID: TP4-8-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.056
Tetrachloroethene	ND		0.056
1,3-Dichloropropane	ND		0.056
2-Hexanone	ND		0.28
Dibromochloromethane	ND		0.056
1,2-Dibromoethane	ND		0.056
Chlorobenzene	ND		0.056
1,1,1,2-Tetrachloroethane	ND		0.056
Ethylbenzene	4.2		1.1
m,p-Xylene	5.1		0.11
o-Xylene	0.32		0.056
Styrene	ND		0.056
Bromoform	ND		0.056
Isopropylbenzene	0.68		0.056
Bromobenzene	ND		0.056
1,1,2,2-Tetrachloroethane	ND		0.056
1,2,3-Trichloropropane	ND		0.056
n-Propylbenzene	1.1		0.056
2-Chlorotoluene	ND		0.056
4-Chlorotoluene	ND		0.056
1,3,5-Trimethylbenzene	0.45		0.056
tert-Butylbenzene	ND		0.056
1,2,4-Trimethylbenzene	1.0		0.056
sec-Butylbenzene	0.10		0.056
1,3-Dichlorobenzene	ND		0.056
p-Isopropyltoluene	0.097		0.056
1,4-Dichlorobenzene	ND		0.056
1,2-Dichlorobenzene	ND		0.056
n-Butylbenzene	ND		0.056
1,2-Dibromo-3-chloropropane	ND		0.28
1,2,4-Trichlorobenzene	ND		0.056
Hexachlorobutadiene	ND		0.28
Naphthalene	0.18		0.056
1,2,3-Trichlorobenzene	ND		0.056

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	55-125
Toluene-d8	98	56-127
4-Bromofluorobenzene	86	54-130

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Date Extracted: 11-16-09
Date Analyzed: 11-17-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-02
Client ID: Product-W2b Wall-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.059
Chloromethane	ND		0.30
Vinyl Chloride	ND		0.059
Bromomethane	ND		0.059
Chloroethane	ND		0.30
Trichlorofluoromethane	ND		0.059
1,1-Dichloroethene	ND		0.059
Acetone	ND		0.30
Iodomethane	ND		0.30
Carbon Disulfide	ND		0.059
Methylene Chloride	ND		0.30
(trans) 1,2-Dichloroethene	ND		0.059
Methyl t-Butyl Ether	ND		0.059
1,1-Dichloroethane	ND		0.059
Vinyl Acetate	ND		0.30
2,2-Dichloropropane	ND		0.059
(cis) 1,2-Dichloroethene	ND		0.059
2-Butanone	ND		0.30
Bromochloromethane	ND		0.059
Chloroform	ND		0.059
1,1,1-Trichloroethane	ND		0.059
Carbon Tetrachloride	ND		0.059
1,1-Dichloropropene	ND		0.059
Benzene	ND		0.059
1,2-Dichloroethane	ND		0.059
Trichloroethene	ND		0.059
1,2-Dichloropropane	ND		0.059
Dibromomethane	ND		0.059
Bromodichloromethane	ND		0.059
2-Chloroethyl Vinyl Ether	ND		0.30
(cis) 1,3-Dichloropropene	ND		0.059
Methyl Isobutyl Ketone	ND		0.30
Toluene	0.47		0.30
(trans) 1,3-Dichloropropene	ND		0.059

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Lab ID: 11-103-02
Client ID: Product-W2b Wall-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.059
Tetrachloroethene	ND		0.059
1,3-Dichloropropane	ND		0.059
2-Hexanone	ND		0.30
Dibromochloromethane	ND		0.059
1,2-Dibromoethane	ND		0.059
Chlorobenzene	ND		0.059
1,1,1,2-Tetrachloroethane	ND		0.059
Ethylbenzene	1.2		0.059
m,p-Xylene	2.1		0.12
o-Xylene	0.28		0.059
Styrene	ND		0.059
Bromoform	ND		0.059
Isopropylbenzene	0.44		0.059
Bromobenzene	ND		0.059
1,1,2,2-Tetrachloroethane	ND		0.059
1,2,3-Trichloropropane	ND		0.059
n-Propylbenzene	0.52		0.059
2-Chlorotoluene	ND		0.059
4-Chlorotoluene	ND		0.059
1,3,5-Trimethylbenzene	0.071		0.059
tert-Butylbenzene	ND		0.059
1,2,4-Trimethylbenzene	0.12		0.059
sec-Butylbenzene	0.093		0.059
1,3-Dichlorobenzene	ND		0.059
p-Isopropyltoluene	ND		0.059
1,4-Dichlorobenzene	ND		0.059
1,2-Dichlorobenzene	ND		0.059
n-Butylbenzene	0.087		0.059
1,2-Dibromo-3-chloropropane	ND		0.30
1,2,4-Trichlorobenzene	ND		0.059
Hexachlorobutadiene	ND		0.30
Naphthalene	ND		0.059
1,2,3-Trichlorobenzene	ND		0.059

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	55-125
Toluene-d8	100	56-127
4-Bromofluorobenzene	109	54-130

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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-03
Client ID: Product-W1b Wall-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.21		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.033		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 11-103-03
Client ID: Product-W1b Wall-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.67		0.063
m,p-Xylene	0.018		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.19		0.063
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.33		0.063
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	0.018		0.0011
tert-Butylbenzene	0.0043		0.0011
1,2,4-Trimethylbenzene	0.042		0.0011
sec-Butylbenzene	0.063		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	0.0072		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	0.038		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	0.0030		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	82	54-130

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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-103-05
Client ID: TP4-1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0027
Chloromethane	ND		0.013
Vinyl Chloride	ND		0.0027
Bromomethane	ND		0.0027
Chloroethane	ND		0.013
Trichlorofluoromethane	ND		0.0027
1,1-Dichloroethene	ND		0.0027
Acetone	ND		0.013
Iodomethane	ND		0.013
Carbon Disulfide	ND		0.0027
Methylene Chloride	ND		0.013
(trans) 1,2-Dichloroethene	ND		0.0027
Methyl t-Butyl Ether	ND		0.0027
1,1-Dichloroethane	ND		0.0027
Vinyl Acetate	ND		0.013
2,2-Dichloropropane	ND		0.0027
(cis) 1,2-Dichloroethene	ND		0.0027
2-Butanone	ND		0.013
Bromochloromethane	ND		0.0027
Chloroform	ND		0.0027
1,1,1-Trichloroethane	ND		0.0027
Carbon Tetrachloride	ND		0.0027
1,1-Dichloropropene	ND		0.0027
Benzene	ND		0.0027
1,2-Dichloroethane	ND		0.0027
Trichloroethene	ND		0.0027
1,2-Dichloropropane	ND		0.0027
Dibromomethane	ND		0.0027
Bromodichloromethane	ND		0.0027
2-Chloroethyl Vinyl Ether	ND		0.013
(cis) 1,3-Dichloropropene	ND		0.0027
Methyl Isobutyl Ketone	ND		0.013
Toluene	ND		0.013
(trans) 1,3-Dichloropropene	ND		0.0027

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Lab ID: 11-103-05
Client ID: TP4-1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0027
Tetrachloroethene	ND		0.0027
1,3-Dichloropropane	ND		0.0027
2-Hexanone	ND		0.013
Dibromochloromethane	ND		0.0027
1,2-Dibromoethane	ND		0.0027
Chlorobenzene	ND		0.0027
1,1,1,2-Tetrachloroethane	ND		0.0027
Ethylbenzene	0.0074		0.0027
m,p-Xylene	0.014		0.0053
o-Xylene	ND		0.0027
Styrene	ND		0.0027
Bromoform	ND		0.0027
Isopropylbenzene	ND		0.0027
Bromobenzene	ND		0.0027
1,1,2,2-Tetrachloroethane	ND		0.0027
1,2,3-Trichloropropane	ND		0.0027
n-Propylbenzene	ND		0.0027
2-Chlorotoluene	ND		0.0027
4-Chlorotoluene	ND		0.0027
1,3,5-Trimethylbenzene	ND		0.0027
tert-Butylbenzene	ND		0.0027
1,2,4-Trimethylbenzene	ND		0.0027
sec-Butylbenzene	ND		0.0027
1,3-Dichlorobenzene	ND		0.0027
p-Isopropyltoluene	ND		0.0027
1,4-Dichlorobenzene	ND		0.0027
1,2-Dichlorobenzene	ND		0.0027
n-Butylbenzene	ND		0.0027
1,2-Dibromo-3-chloropropane	ND		0.013
1,2,4-Trichlorobenzene	ND		0.0027
Hexachlorobutadiene	ND		0.013
Naphthalene	ND		0.0027
1,2,3-Trichlorobenzene	ND		0.0027

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	55-125
Toluene-d8	100	56-127
4-Bromofluorobenzene	78	54-130

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1116S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: November 25, 2009
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1116S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	89	54-130

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1116S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits
1,1-Dichloroethene	0.0500	0.0570	114	0.0592	118	70-130
Benzene	0.0500	0.0514	103	0.0508	102	70-128
Trichloroethene	0.0500	0.0508	102	0.0513	103	70-124
Toluene	0.0500	0.0485	97	0.0476	95	73-123
Chlorobenzene	0.0500	0.0461	92	0.0463	93	73-115

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	16	
Benzene	1	15	
Trichloroethene	1	14	
Toluene	2	14	
Chlorobenzene	0	13	

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Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 11-103-06
Client ID: Trip Blank

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.20		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Project: 14697

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Lab ID: 11-103-06
Client ID: Trip Blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	87	70-123

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Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1116W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1116W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	90	70-123

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-16-09
Date Analyzed: 11-16-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB1116W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits
1,1-Dichloroethene	10.0	10.6	106	10.9	109	70-130
Benzene	10.0	9.85	99	10.1	101	70-130
Trichloroethene	10.0	9.98	100	9.97	100	70-123
Toluene	10.0	9.83	98	9.81	98	77-120
Chlorobenzene	10.0	10.3	103	10.1	101	73-115

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	21	
Benzene	3	18	
Trichloroethene	0	18	
Toluene	0	17	
Chlorobenzene	2	18	

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Date of Report: November 25, 2009
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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-8-1109**					
Laboratory ID:	11-103-01					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Naphthalene	**0.091**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**0.040**	0.037	EPA 8270	11-20-09	11-20-09	
1-Methylnaphthalene	**0.018**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-8-1109**					
Laboratory ID:	11-103-01					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluorene	**0.0093**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**0.054**	0.037	EPA 8270	11-20-09	11-20-09	
Anthracene	**0.0084**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**0.046**	0.037	EPA 8270	11-20-09	11-20-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Pyrene	**0.052**	0.037	EPA 8270	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**0.017**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**0.020**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**0.016**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**0.013**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**0.013**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**0.0099**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**0.012**	0.0073	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***68***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***62***	***21 - 106***				
2-Fluorobiphenyl	***74***	***29 - 107***				
2,4,6-Tribromophenol	***85***	***44 - 121***				
Terphenyl-d14	***89***	***37 - 120***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2b Wall-1109**					
Laboratory ID:	11-103-02					
N-Nitrosodimethylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Naphthalene	**0.014**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**0.011**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**0.0085**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W2b Wall-1109**					
Laboratory ID:	11-103-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Fluorene	**0.0076**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.18	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.049**	0.036	EPA 8270	11-20-09	11-23-09	
Anthracene	**0.014**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.11**	0.036	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.36	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.14**	0.036	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.043**	0.036	EPA 8270	11-20-09	11-23-09	
Chrysene	**0.054**	0.036	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.044**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.043**	0.036	EPA 8270	11-20-09	11-23-09	
Benzo[a]pyrene	**0.058**	0.036	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.040**	0.036	EPA 8270	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.0083**	0.0072	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.049**	0.036	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***64***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***66***	***21 - 106***				
2-Fluorobiphenyl	***75***	***29 - 107***				
2,4,6-Tribromophenol	***92***	***44 - 121***				
Terphenyl-d14	***99***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1b Wall-1109**					
Laboratory ID:	11-103-03					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Product-W1b Wall-1109**					
Laboratory ID:	11-103-03					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.012**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.0098**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.011**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Chrysene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[k]fluoranthene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***67***	***19 - 97***				
Phenol-d6	***77***	***22 - 108***				
Nitrobenzene-d5	***63***	***21 - 106***				
2-Fluorobiphenyl	***76***	***29 - 107***				
2,4,6-Tribromophenol	***85***	***44 - 121***				
Terphenyl-d14	***92***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B2-1109**					
Laboratory ID:	11-103-04					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank 4-B2-1109**					
Laboratory ID:	11-103-04					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.011**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.049**	0.040	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.40	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.056**	0.040	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.045**	0.040	EPA 8270	11-20-09	11-23-09	
Chrysene	**0.065**	0.040	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.076**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.057**	0.040	EPA 8270	11-20-09	11-23-09	
Benzo[a]pyrene	**0.054**	0.040	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.047**	0.040	EPA 8270	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.012**	0.0079	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.055**	0.040	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***91***	***19 - 97***				
Phenol-d6	***90***	***22 - 108***				
Nitrobenzene-d5	***88***	***21 - 106***				
2-Fluorobiphenyl	***87***	***29 - 107***				
2,4,6-Tribromophenol	***91***	***44 - 121***				
Terphenyl-d14	***96***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-1-1109**					
Laboratory ID:	11-103-05					
N-Nitrosodimethylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Pyridine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Phenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Aniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethyl)ether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Chlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,3-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,4-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Benzyl alcohol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Dichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Methylphenol (o-Cresol)	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroisopropyl)ether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
N-Nitroso-di-n-propylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachloroethane	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Nitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Isophorone	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Nitrophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dimethylphenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Chloroethoxy)methane	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2,4-Trichlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Naphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4-Chloroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachlorobutadiene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Chloro-3-methylphenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Methylnaphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
1-Methylnaphthalene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Hexachlorocyclopentadiene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4,6-Trichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3-Dichloroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4,5-Trichlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Chloronaphthalene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,4-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Dimethylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,3-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,6-Dinitrotoluene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Dinitrobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Acenaphthylene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
3-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP4-1-1109**					
Laboratory ID:	11-103-05					
2,4-Dinitrophenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
Acenaphthene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4-Nitrophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,4-Dinitrotoluene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Dibenzofuran	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Diethylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Chlorophenyl-phenylether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Nitroaniline	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Fluorene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
4,6-Dinitro-2-methylphenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
N-Nitrosodiphenylamine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
1,2-Diphenylhydrazine	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
4-Bromophenyl-phenylether	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Hexachlorobenzene	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Pentachlorophenol	**ND**	0.23	EPA 8270	11-20-09	11-23-09	
Phenanthrene	**0.024**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Anthracene	**ND**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Carbazole	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Di-n-butylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Fluoranthene	**0.055**	0.046	EPA 8270	11-20-09	11-23-09	
Benzidine	**ND**	0.46	EPA 8270	11-20-09	11-23-09	
Pyrene	**0.058**	0.046	EPA 8270	11-20-09	11-23-09	
Butylbenzylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
bis-2-Ethylhexyladipate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
3,3'-Dichlorobenzidine	**ND**	0.46	EPA 8270	11-20-09	11-23-09	
Benzo[a]anthracene	**0.034**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Chrysene	**0.050**	0.046	EPA 8270	11-20-09	11-23-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Di-n-octylphthalate	**ND**	0.046	EPA 8270	11-20-09	11-23-09	
Benzo[b]fluoranthene	**0.061**	0.046	EPA 8270	11-20-09	11-23-09	
Benzo[k]fluoranthene	**0.040**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[a]pyrene	**0.055**	0.046	EPA 8270	11-20-09	11-23-09	
Indeno[1,2,3-cd]pyrene	**0.028**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Dibenz[a,h]anthracene	**0.011**	0.0091	EPA 8270/SIM	11-20-09	11-23-09	
Benzo[g,h,i]perylene	**0.050**	0.046	EPA 8270	11-20-09	11-23-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***71***	***19 - 97***				
Phenol-d6	***75***	***22 - 108***				
Nitrobenzene-d5	***74***	***21 - 106***				
2-Fluorobiphenyl	***77***	***29 - 107***				
2,4,6-Tribromophenol	***77***	***44 - 121***				
Terphenyl-d14	***90***	***37 - 120***				

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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:	MB1120S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1120S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***70***	***19 - 97***				
Phenol-d6	***74***	***22 - 108***				
Nitrobenzene-d5	***74***	***21 - 106***				
2-Fluorobiphenyl	***78***	***29 - 107***				
2,4,6-Tribromophenol	***93***	***44 - 121***				
Terphenyl-d14	***98***	***37 - 120***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
Laboratory ID:	11-132-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.946**	**1.03**	1.33	1.33	ND	71	77	38 - 97	9	30	
2-Chlorophenol	**0.937**	**1.00**	1.33	1.33	ND	70	75	28 - 102	7	38	
1,4-Dichlorobenzene	**0.350**	**0.391**	0.667	0.667	ND	52	59	14 - 84	11	41	
N-Nitroso-di-n-propylamine	**0.442**	**0.471**	0.667	0.667	ND	66	71	25 - 104	6	39	
1,2,4-Trichlorobenzene	**0.405**	**0.443**	0.667	0.667	ND	61	66	23 - 93	9	37	
4-Chloro-3-methylphenol	**1.03**	**1.11**	1.33	1.33	ND	77	83	49 - 113	7	31	
Acenaphthene	**0.449**	**0.496**	0.667	0.667	ND	67	74	37 - 101	10	40	
4-Nitrophenol	**1.02**	**1.10**	1.33	1.33	ND	77	83	30 - 136	8	31	
2,4-Dinitrotoluene	**0.482**	**0.508**	0.667	0.667	ND	72	76	36 - 122	5	32	
Pentachlorophenol	**1.19**	**1.21**	1.33	1.33	ND	89	91	15 - 143	2	34	
Pyrene	**0.569**	**0.811**	0.667	0.667	0.0663	75	112	24 - 138	35	39	
Surrogate:											
2-Fluorophenol						***72***	***77***	***19 - 97***			
Phenol-d6						***71***	***76***	***22 - 108***			
Nitrobenzene-d5						***71***	***76***	***21 - 106***			
2-Fluorobiphenyl						***73***	***79***	***29 - 107***			
2,4,6-Tribromophenol						***83***	***89***	***44 - 121***			
Terphenyl-d14						***86***	***92***	***37 - 120***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-01					
Client ID:	**TP4-8-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.55	6010B	11-20-09	11-20-09	
Chromium	**6.8**	0.55	6010B	11-20-09	11-20-09	
Copper	**8.1**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.5	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**6.8**	2.8	6010B	11-20-09	11-20-09	
Zinc	**18**	2.8	6010B	11-20-09	11-20-09	
Lab ID:	11-103-02					
Client ID:	**Product-W2bWall-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.54	6010B	11-20-09	11-20-09	
Chromium	**9.4**	0.54	6010B	11-20-09	11-20-09	
Copper	**8.8**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.4	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.27	7471A	11-20-09	11-20-09	
Nickel	**9.3**	2.7	6010B	11-20-09	11-20-09	
Zinc	**17**	2.7	6010B	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-103-03					
Client ID:	**Product-W1bWall-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.56	6010B	11-20-09	11-20-09	
Chromium	**9.0**	0.56	6010B	11-20-09	11-20-09	
Copper	**7.2**	1.1	6010B	11-20-09	11-20-09	
Lead	**ND**	5.6	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**6.9**	2.8	6010B	11-20-09	11-20-09	
Zinc	**16**	2.8	6010B	11-20-09	11-20-09	
Lab ID:	11-103-05					
Client ID:	**TP4-1-1109**					
Arsenic	**ND**	14	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.68	6010B	11-20-09	11-20-09	
Chromium	**13**	0.68	6010B	11-20-09	11-20-09	
Copper	**110**	1.4	6010B	11-20-09	11-20-09	
Lead	**52**	6.8	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.34	7471A	11-20-09	11-20-09	
Nickel	**25**	3.4	6010B	11-20-09	11-20-09	
Zinc	**67**	3.4	6010B	11-20-09	11-20-09	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1120S1&MB1120S2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**16.3**	**20.0**	20	0.50	
Copper	**13.2**	**12.3**	7	1.0	
Lead	**8.77**	**6.34**	32	5.0	C
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**19.6**	**18.9**	4	2.5	
Zinc	**61.0**	**66.6**	9	2.5	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.9**	95	**83.8**	84	12	
Cadmium	50	**48.2**	96	**42.8**	86	12	
Chromium	100	**114**	97	**102**	85	11	
Copper	50	**62.0**	98	**55.5**	85	11	
Lead	250	**238**	92	**211**	81	12	
Mercury	0.50	**0.491**	98	**0.487**	97	1	
Nickel	100	**116**	96	**105**	86	9	
Zinc	100	**153**	92	**144**	83	6	

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Date of Report: November 25, 2009
Samples Submitted: November 13, 2009
Laboratory Reference: 0911-103
Project: 14697

% MOISTURE

Date Analyzed: 11-16-09

Client ID	Lab ID	% Moisture
TP4-8-1109	11-103-01	9
Product-W2b Wall-1109	11-103-02	8
Product-W1b Wall-1109	11-103-03	11
Tank 4-B2-1109	11-103-04	16
TP4-1-1109	11-103-05	27

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

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

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Tway
Sampled by: Emerald Eidson

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 11-103

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	total Metals (As, Cd, Cu, Cr, Pb, Ni, Hg, Zn)	% Moisture
1	TP4-8-1109	11/13/09	925	Soil	6		/	/	/		/								/	X
2	Product-W2b Wall-1109	↓	1055	Soil	6		/	/	/		/								/	↓
3	Product-W1b Wall-1109		1110	Soil	6		/	/	/		/								/	
4	Tank 4-B2-1109		1120	Soil	6		/320	/320	/320		/								/320	
5	TP4-1-1109		1215	Soil	6		/	/	/		/								/	
6	Trip Blank	—	—	H_2O	2				/											

	Signature	Company	Date	Time
Relinquished by	Emerald Eidson	AMEC GMX	11/13/09	3:38
Received by		Speedy	11/13/09	3:38
Relinquished by		"	"	5:05
Received by			11/13/09	1715
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

November 30, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697.000
Laboratory Reference No. 0911-132

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 18, 2009.

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

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

Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

Case Narrative

Samples were collected on November 17, 2009, and received by the laboratory on November 18, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01				
Client ID:	**Pipe-C1-1109**				
TPH-Gas	**15**	6.1	11-18-09	11-19-09	
Surrogate: Fluorobenzene	106%	53-126			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1118S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	89%		

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-18-09
Date Analyzed: 11-18-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-117-04 **Original**	11-117-04 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	96%	98%		

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01				
Client ID:	**Pipe-C1-1109**				
Diesel Range	**ND**	28	11-20-09	11-20-09	Y
Lube Oil Range	**ND**	56	11-20-09	11-20-09	Y
Surrogate: o-terphenyl	71%	50-150			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1120S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	85%
Flags:	Y

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-20-09
Date Analyzed:	11-20-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-132-01	11-132-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	71%	76%
Flags:	Y	Y

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01
Client ID: Pipe-C1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.036		0.0054
Iodomethane	ND		0.0054
Carbon Disulfide	0.0015		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.0060		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0054
Toluene	ND		0.0054
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-132-01
Client ID: Pipe-C1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	116	55-125
Toluene-d8	105	56-127
4-Bromofluorobenzene	91	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1119S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Laboratory Reference: 0911-132
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1119S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	118	55-125
Toluene-d8	110	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-19-09
Date Analyzed: 11-19-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1119S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0579	116	0.0635	127	70-130	
Benzene	0.0500	0.0528	106	0.0568	114	70-128	
Trichloroethene	0.0500	0.0535	107	0.0555	111	70-124	
Toluene	0.0500	0.0511	102	0.0513	103	73-123	
Chlorobenzene	0.0500	0.0462	92	0.0482	96	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	9	16	
Benzene	7	15	
Trichloroethene	4	14	
Toluene	0	14	
Chlorobenzene	4	13	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-C1-1109**					
Laboratory ID:	11-132-01					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-C1-1109**					
Laboratory ID:	11-132-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**0.010**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluorene	**0.0093**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**0.041**	0.037	EPA 8270	11-20-09	11-20-09	
Anthracene	**0.021**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**0.082**	0.037	EPA 8270	11-20-09	11-20-09	
Benzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Pyrene	**0.074**	0.037	EPA 8270	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**0.028**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**0.044**	0.037	EPA 8270	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**0.20**	0.037	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**0.038**	0.037	EPA 8270	11-20-09	11-20-09	
Benzo[k]fluoranthene	**0.029**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**0.039**	0.037	EPA 8270	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**0.029**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**0.010**	0.0075	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**0.041**	0.037	EPA 8270	11-20-09	11-20-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*66*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*64*	*21 - 106*				
2-Fluorobiphenyl	*74*	*29 - 107*				
2,4,6-Tribromophenol	*83*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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:	MB1120S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pyridine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Phenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Aniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Isophorone	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	

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Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1120S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-20-09	11-20-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Carbazole	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-20-09	11-20-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-20-09	11-20-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-20-09	11-20-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*74*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*93*	*44 - 121*				
Terphenyl-d14	*98*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	11-132-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.946**	**1.03**	1.33	1.33	ND	71	77	38 - 97	9	30	
2-Chlorophenol	**0.937**	**1.00**	1.33	1.33	ND	70	75	28 - 102	7	38	
1,4-Dichlorobenzene	**0.350**	**0.391**	0.667	0.667	ND	52	59	14 - 84	11	41	
N-Nitroso-di-n-propylamine	**0.442**	**0.471**	0.667	0.667	ND	66	71	25 - 104	6	39	
1,2,4-Trichlorobenzene	**0.405**	**0.443**	0.667	0.667	ND	61	66	23 - 93	9	37	
4-Chloro-3-methylphenol	**1.03**	**1.11**	1.33	1.33	ND	77	83	49 - 113	7	31	
Acenaphthene	**0.449**	**0.496**	0.667	0.667	ND	67	74	37 - 101	10	40	
4-Nitrophenol	**1.02**	**1.10**	1.33	1.33	ND	77	83	30 - 136	8	31	
2,4-Dinitrotoluene	**0.482**	**0.508**	0.667	0.667	ND	72	76	36 - 122	5	32	
Pentachlorophenol	**1.19**	**1.21**	1.33	1.33	ND	89	91	15 - 143	2	34	
Pyrene	**0.569**	**0.811**	0.667	0.667	0.0663	75	112	24 - 138	35	39	
Surrogate:											
2-Fluorophenol						*72*	*77*	*19 - 97*			
Phenol-d6						*71*	*76*	*22 - 108*			
Nitrobenzene-d5						*71*	*76*	*21 - 106*			
2-Fluorobiphenyl						*73*	*79*	*29 - 107*			
2,4,6-Tribromophenol						*83*	*89*	*44 - 121*			
Terphenyl-d14						*86*	*92*	*37 - 120*			

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-132-01					
Client ID:	**Pipe-C1-1109**					
Arsenic	**ND**	11	6010B	11-20-09	11-20-09	
Cadmium	**ND**	0.56	6010B	11-20-09	11-20-09	
Chromium	**18**	0.56	6010B	11-20-09	11-20-09	
Copper	**15**	1.1	6010B	11-20-09	11-20-09	
Lead	**9.8**	5.6	6010B	11-20-09	11-20-09	
Mercury	**ND**	0.28	7471A	11-20-09	11-20-09	
Nickel	**22**	2.8	6010B	11-20-09	11-20-09	
Zinc	**68**	2.8	6010B	11-20-09	11-20-09	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1120S1&MB1120S2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**16.3**	**20.0**	20	0.50	
Copper	**13.2**	**12.3**	7	1.0	
Lead	**8.77**	**6.34**	32	5.0	C
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**19.6**	**18.9**	4	2.5	
Zinc	**61.0**	**66.6**	9	2.5	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

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

Date Extracted: 11-20-09
Date Analyzed: 11-20-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-132-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.9**	95	**83.8**	84	12	
Cadmium	50	**48.2**	96	**42.8**	86	12	
Chromium	100	**114**	97	**102**	85	11	
Copper	50	**62.0**	98	**55.5**	85	11	
Lead	250	**238**	92	**211**	81	12	
Mercury	0.50	**0.491**	98	**0.487**	97	1	
Nickel	100	**116**	96	**105**	86	9	
Zinc	100	**153**	92	**144**	83	6	

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Date of Report: November 30, 2009
Samples Submitted: November 18, 2009
Laboratory Reference: 0911-132
Project: 14697.000

% MOISTURE

Date Analyzed: 11-19-09

Client ID	Lab ID	% Moisture
Pipe-C1-1109	11-132-01	11

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z -

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

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697.000
Project Name: Kelly Moore Paint Co.
Project Manager: Tasya Gray
Sampled by: Emerald Einlesen

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 11-132

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	As, Cd, Cr, Pb, Ni, Zn						% Moisture
√	Pipe-CJ-1109	11/17/09	14:40	soil	6		X	X	X		X								X						X

	Signature	Company	Date	Time
Relinquished by		AMEC GMX	11/18/09	11:25Am
Received by		Speedy	11.18.09	1125am
Relinquished by		"	"	1325
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

December 2, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0911-192

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 24, 2009.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

Case Narrative

Samples were collected on November 23 and 24, 2009, and received by the laboratory on November 24, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH 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.

Some MTCA Method A cleanup levels are non-achievable for sample B7-Trench-1-1109 due to the necessary dilution of the sample.

Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample B7-Trench-1-1109 due to the high concentration of coeluting compounds.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample B7-Trench-3-1109 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.

Total Metals EPA 6010B/7471A Analysis

The duplicate RPD for Lead is outside control limits due to sample inhomogeniety.

The Matrix Spike/ Matrix Spike Duplicate recoveries for Lead are outside control limits due to matrix interferences. The Spike Blank recovery was 99%.

Semivolatiles EPA 8270D/SIM Analysis

Sample B7-Trench-2-1109 had three surrogates outside of control limits, due to high concentrations of coeluting target compound, and are flagged with an “F” indicator.

Please note 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.

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

Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02				
Client ID:	**B7-Trench-1-1109**				
TPH-Gas	**30000**	1000	11-30-09	11-30-09	Z1
Surrogate: Fluorobenzene	---	53-126			S
Lab ID:	11-192-03				
Client ID:	**B7-Trench-2-1109**				
TPH-Gas	**33000**	1300	11-30-09	11-30-09	Z2
Surrogate: Fluorobenzene	---	53-126			S
Lab ID:	11-192-04				
Client ID:	**B7-Trench-3-1109**				
TPH-Gas	**72**	6.2	11-30-09	11-30-09	Z3
Surrogate: Fluorobenzene	97%	53-126			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-30-09
Date Analyzed:	11-30-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1130S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	89%		

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	11-192-04 **Original**	11-192-04 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**64.3**	**71.4**	10	
Surrogate Recovery:				
Fluorobenzene	97%	101%		

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02				
Client ID:	**B7-Trench-1-1109**				
Diesel Range	**21000**	27	11-25-09	11-25-09	Y,M
Lube Oil	**320**	54	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	80%	50-150			
Lab ID:	11-192-03				
Client ID:	**B7-Trench-2-1109**				
Diesel Range	**6500**	28	11-25-09	11-25-09	Y,M
Lube Oil	**450**	56	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	89%	50-150			
Lab ID:	11-192-04				
Client ID:	**B7-Trench-3-1109**				
Diesel Range Organics	**380**	28	11-25-09	11-25-09	Y,M
Lube Oil	**1400**	56	11-25-09	11-25-09	Y
Surrogate: o-terphenyl	78%	50-150			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1125S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	80%
Flags:	Y

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	11-192-04	11-192-04 DUP
Diesel Range:	**337**	**344**
PQL:	25	25
RPD:	2	
Surrogate Recovery		
o-Terphenyl:	78%	83%
Flags:	Y,M	Y,M

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-02
Client ID: B7-Trench-1-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.1
Chloromethane	ND		5.5
Vinyl Chloride	ND		1.1
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND		1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	11		5.5
(trans) 1,3-Dichloropropene	ND		1.1

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 11-192-02
Client ID: B7-Trench-1-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.1
Tetrachloroethene	ND		1.1
1,3-Dichloropropane	ND		1.1
2-Hexanone	ND		5.5
Dibromochloromethane	ND		1.1
1,2-Dibromoethane	ND		1.1
Chlorobenzene	ND		1.1
1,1,1,2-Tetrachloroethane	ND		1.1
Ethylbenzene	1.8		1.1
m,p-Xylene	17		2.2
o-Xylene	3.6		1.1
Styrene	ND		1.1
Bromoform	ND		1.1
Isopropylbenzene	1.4		1.1
Bromobenzene	ND		1.1
1,1,2,2-Tetrachloroethane	ND		1.1
1,2,3-Trichloropropane	ND		1.1
n-Propylbenzene	4.8		1.1
2-Chlorotoluene	ND		1.1
4-Chlorotoluene	ND		1.1
1,3,5-Trimethylbenzene	20		1.1
tert-Butylbenzene	ND		1.1
1,2,4-Trimethylbenzene	62		1.1
sec-Butylbenzene	2.2		1.1
1,3-Dichlorobenzene	ND		1.1
p-Isopropyltoluene	3.0		1.1
1,4-Dichlorobenzene	ND		1.1
1,2-Dichlorobenzene	ND		1.1
n-Butylbenzene	10		1.1
1,2-Dibromo-3-chloropropane	ND		5.5
1,2,4-Trichlorobenzene	ND		1.1
Hexachlorobutadiene	ND		5.5
Naphthalene	ND		1.1
1,2,3-Trichlorobenzene	ND		1.1

Surrogate	Percent Recovery		Control Limits
Dibromofluoromethane	86		55-125
Toluene-d8	84		56-127
4-Bromofluorobenzene	140	Q	54-130

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-03
Client ID: B7-Trench-2-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.2
Chloromethane	ND		6.2
Vinyl Chloride	ND		1.2
Bromomethane	ND		1.2
Chloroethane	ND		6.2
Trichlorofluoromethane	ND		1.2
1,1-Dichloroethene	ND		1.2
Acetone	ND		6.2
Iodomethane	ND		6.2
Carbon Disulfide	ND		1.2
Methylene Chloride	ND		6.2
(trans) 1,2-Dichloroethene	ND		1.2
Methyl t-Butyl Ether	ND		1.2
1,1-Dichloroethane	ND		1.2
Vinyl Acetate	ND		6.2
2,2-Dichloropropane	ND		1.2
(cis) 1,2-Dichloroethene	ND		1.2
2-Butanone	14		6.2
Bromochloromethane	ND		1.2
Chloroform	ND		1.2
1,1,1-Trichloroethane	ND		1.2
Carbon Tetrachloride	ND		1.2
1,1-Dichloropropene	ND		1.2
Benzene	ND		1.2
1,2-Dichloroethane	ND		1.2
Trichloroethene	ND		1.2
1,2-Dichloropropane	ND		1.2
Dibromomethane	ND		1.2
Bromodichloromethane	ND		1.2
2-Chloroethyl Vinyl Ether	ND		6.2
(cis) 1,3-Dichloropropene	ND		1.2
Methyl Isobutyl Ketone	25		6.2
Toluene	140		6.2
(trans) 1,3-Dichloropropene	ND		1.2

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 11-192-03
Client ID: B7-Trench-2-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.2
Tetrachloroethene	ND		1.2
1,3-Dichloropropane	ND		1.2
2-Hexanone	ND		6.2
Dibromochloromethane	ND		1.2
1,2-Dibromoethane	ND		1.2
Chlorobenzene	ND		1.2
1,1,1,2-Tetrachloroethane	ND		1.2
Ethylbenzene	890		62
m,p-Xylene	4400		120
o-Xylene	1100		62
Styrene	ND		1.2
Bromoform	ND		1.2
Isopropylbenzene	20		1.2
Bromobenzene	ND		1.2
1,1,2,2-Tetrachloroethane	ND		1.2
1,2,3-Trichloropropane	ND		1.2
n-Propylbenzene	28		1.2
2-Chlorotoluene	ND		1.2
4-Chlorotoluene	ND		1.2
1,3,5-Trimethylbenzene	54		1.2
tert-Butylbenzene	ND		1.2
1,2,4-Trimethylbenzene	210		1.2
sec-Butylbenzene	9.6		1.2
1,3-Dichlorobenzene	ND		1.2
p-Isopropyltoluene	11		1.2
1,4-Dichlorobenzene	ND		1.2
1,2-Dichlorobenzene	ND		1.2
n-Butylbenzene	21		1.2
1,2-Dibromo-3-chloropropane	ND		6.2
1,2,4-Trichlorobenzene	ND		1.2
Hexachlorobutadiene	ND		6.2
Naphthalene	17		1.2
1,2,3-Trichlorobenzene	ND		1.2

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	55-125
Toluene-d8	86	56-127
4-Bromofluorobenzene	119	54-130

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Date of Report: December 2, 2009
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Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-192-04
Client ID: B7-Trench-3-1109

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0058
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0058
Trichlorofluoromethane	0.078		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0058
Iodomethane	ND		0.0058
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0058
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0058
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0058
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0058
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0058
Toluene	ND		0.0058
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 11-192-04
Client ID: B7-Trench-3-1109

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	0.0035		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0058
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.0022		0.0012
m,p-Xylene	0.021		0.0023
o-Xylene	0.0080		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.0013		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	0.0018		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0058
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0058
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	67	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1125S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1125S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	95	54-130

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Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1125S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0401	80	0.0456	91	70-130	
Benzene	0.0500	0.0420	84	0.0450	90	70-128	
Trichloroethene	0.0500	0.0464	93	0.0435	87	70-124	
Toluene	0.0500	0.0452	90	0.0405	81	73-123	
Chlorobenzene	0.0500	0.0525	105	0.0509	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	13	16	
Benzene	7	15	
Trichloroethene	7	14	
Toluene	11	14	
Chlorobenzene	3	13	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-1-1109**					
Laboratory ID:	11-192-02					
N-Nitrosodimethylamine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Pyridine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Phenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Aniline	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethyl)ether	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Chlorophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,3-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,4-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Benzyl alcohol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,2-Dichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Methylphenol (o-Cresol)	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroisopropyl)ether	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
N-Nitroso-di-n-propylamine	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachloroethane	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Nitrobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Isophorone	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Nitrophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2,4-Dimethylphenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethoxy)methane	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2,4-Dichlorophenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1,2,4-Trichlorobenzene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Naphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
4-Chloroaniline	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachlorobutadiene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
4-Chloro-3-methylphenol	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
2-Methylnaphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
1-Methylnaphthalene	**ND**	3.6	EPA 8270	11-30-09	12-1-09	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
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SEMIVOLATILES by EPA 8270D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-1-1109**					
Laboratory ID:	11-192-02					
2,4-Dinitrophenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.19**	0.18	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Fluorene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.90	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**0.65**	0.18	EPA 8270	11-30-09	11-30-09	
Anthracene	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Carbazole	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**2.5**	0.18	EPA 8270	11-30-09	11-30-09	
Benzidine	**ND**	1.8	EPA 8270	11-30-09	11-30-09	
Pyrene	**2.2**	0.18	EPA 8270	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.8	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**2.0**	0.18	EPA 8270	11-30-09	11-30-09	
Chrysene	**2.7**	0.18	EPA 8270	11-30-09	11-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**2.8**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[k]fluoranthene	**2.3**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[a]pyrene	**2.0**	0.18	EPA 8270	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**1.4**	0.18	EPA 8270	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**0.64**	0.18	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**1.6**	0.18	EPA 8270	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***31***	***19 - 97***				
Phenol-d6	***71***	***22 - 108***				
Nitrobenzene-d5	***52***	***21 - 106***				
2-Fluorobiphenyl	***103***	***29 - 107***				
2,4,6-Tribromophenol	***92***	***44 - 121***				
Terphenyl-d14	***98***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-2-1109**					
Laboratory ID:	11-192-03					
N-Nitrosodimethylamine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Pyridine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Phenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Aniline	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethyl)ether	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Chlorophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,3-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,4-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Benzyl alcohol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,2-Dichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Methylphenol (o-Cresol)	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroisopropyl)ether	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
N-Nitroso-di-n-propylamine	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachloroethane	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Nitrobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Isophorone	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Nitrophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2,4-Dimethylphenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Chloroethoxy)methane	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2,4-Dichlorophenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
1,2,4-Trichlorobenzene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Naphthalene	**26**	3.7	EPA 8270	11-30-09	12-1-09	
4-Chloroaniline	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachlorobutadiene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
4-Chloro-3-methylphenol	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
2-Methylnaphthalene	**7.4**	3.7	EPA 8270	11-30-09	12-1-09	
1-Methylnaphthalene	**ND**	3.7	EPA 8270	11-30-09	12-1-09	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-2-1109**					
Laboratory ID:	11-192-03					
2,4-Dinitrophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.51**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**0.27**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluorene	**0.33**	0.19	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**1.6**	0.19	EPA 8270	11-30-09	11-30-09	
Anthracene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Carbazole	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**7.1**	0.19	EPA 8270	11-30-09	11-30-09	
Benzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Pyrene	**6.4**	0.19	EPA 8270	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**7.4**	0.19	EPA 8270	11-30-09	11-30-09	
Chrysene	**12**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**12**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[k]fluoranthene	**6.9**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[a]pyrene	**7.2**	0.19	EPA 8270	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**6.4**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**3.0**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**7.2**	0.19	EPA 8270	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***.---***	***19 - 97***				F
Phenol-d6	***.---***	***22 - 108***				F
Nitrobenzene-d5	***.---***	***21 - 106***				F
2-Fluorobiphenyl	***105***	***29 - 107***				
2,4,6-Tribromophenol	***101***	***44 - 121***				
Terphenyl-d14	***102***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-3-1109**					
Laboratory ID:	11-192-04					
N-Nitrosodimethylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pyridine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Phenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Aniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethyl)ether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzyl alcohol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Methylphenol (o-Cresol)	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroisopropyl)ether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
(3+4)-Methylphenol (m,p-Cresol)	**0.22**	0.19	EPA 8270	11-30-09	11-30-09	
N-Nitroso-di-n-propylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachloroethane	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Nitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Isophorone	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dimethylphenol	**0.22**	0.19	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethoxy)methane	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2,4-Trichlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Naphthalene	**1.3**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobutadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chloro-3-methylphenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Methylnaphthalene	**0.46**	0.19	EPA 8270	11-30-09	11-30-09	
1-Methylnaphthalene	**0.24**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**2.4**	0.19	EPA 8270	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

SEMIVOLATILES by EPA 8270D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench-3-1109**					
Laboratory ID:	11-192-04					
2,4-Dinitrophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**0.20**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**0.40**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluorene	**1.5**	0.19	EPA 8270	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.94	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**10**	0.19	EPA 8270	11-30-09	11-30-09	
Anthracene	**5.9**	0.19	EPA 8270	11-30-09	11-30-09	
Carbazole	**0.49**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**29**	3.7	EPA 8270	11-30-09	12-1-09	
Benzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Pyrene	**27**	3.7	EPA 8270	11-30-09	12-1-09	
Butylbenzylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**20**	3.7	EPA 8270	11-30-09	12-1-09	
Chrysene	**24**	3.7	EPA 8270	11-30-09	12-1-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**22**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[k]fluoranthene	**19**	3.7	EPA 8270	11-30-09	12-1-09	
Benzo[a]pyrene	**21**	3.7	EPA 8270	11-30-09	12-1-09	
Indeno[1,2,3-cd]pyrene	**14**	3.7	EPA 8270	11-30-09	12-1-09	
Dibenz[a,h]anthracene	**5.0**	0.19	EPA 8270	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**16**	3.7	EPA 8270	11-30-09	12-1-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***79***	***19 - 97***				
Phenol-d6	***85***	***22 - 108***				
Nitrobenzene-d5	***99***	***21 - 106***				
2-Fluorobiphenyl	***94***	***29 - 107***				
2,4,6-Tribromophenol	***81***	***44 - 121***				
Terphenyl-d14	***94***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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:	MB1130S2					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Pyridine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Phenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Aniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Isophorone	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1130S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-30-09	11-30-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Carbazole	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzidine	**ND**	0.33	EPA 8270	11-30-09	11-30-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-30-09	11-30-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-30-09	11-30-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-30-09	11-30-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***84***	***19 - 97***				
Phenol-d6	***89***	***22 - 108***				
Nitrobenzene-d5	***94***	***21 - 106***				
2-Fluorobiphenyl	***89***	***29 - 107***				
2,4,6-Tribromophenol	***89***	***44 - 121***				
Terphenyl-d14	***96***	***37 - 120***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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:	SB1130S2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**1.10**	**1.12**	1.33	1.33	83	84	27 - 100	2	37	
2-Chlorophenol	**1.06**	**1.06**	1.33	1.33	80	80	23 - 104	0	43	
1,4-Dichlorobenzene	**0.480**	**0.457**	0.667	0.667	72	69	23 - 86	5	40	
N-Nitroso-di-n-propylamine	**0.520**	**0.528**	0.667	0.667	78	79	28 - 96	2	37	
1,2,4-Trichlorobenzene	**0.489**	**0.467**	0.667	0.667	73	70	25 - 90	5	40	
4-Chloro-3-methylphenol	**1.10**	**1.20**	1.33	1.33	83	90	44 - 106	9	31	
Acenaphthene	**0.483**	**0.515**	0.667	0.667	72	77	39 - 93	6	28	
4-Nitrophenol	**1.08**	**1.22**	1.33	1.33	81	92	30 - 124	12	31	
2,4-Dinitrotoluene	**0.514**	**0.569**	0.667	0.667	77	85	53 - 109	10	34	
Pentachlorophenol	**1.20**	**1.38**	1.33	1.33	90	104	47 - 122	14	33	
Pyrene	**0.550**	**0.631**	0.667	0.667	82	95	55 - 108	14	29	
Surrogate:										
2-Fluorophenol					***81***	***81***	***19 - 97***			
Phenol-d6					***85***	***85***	***22 - 108***			
Nitrobenzene-d5					***88***	***88***	***21 - 106***			
2-Fluorobiphenyl					***83***	***86***	***29 - 107***			
2,4,6-Tribromophenol					***83***	***92***	***44 - 121***			
Terphenyl-d14					***91***	***102***	***37 - 120***			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Lab Traveler: 0911-192
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-Trench -1-1109**					
Laboratory ID:	11-192-02					
Aroclor 1016	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.054	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***89***	***33-122***				
Client ID:	**B7-Trench -2-1109**					
Laboratory ID:	11-192-03					
Aroclor 1016	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***75***	***33-122***				
Client ID:	**B7-Trench -3-1109**					
Laboratory ID:	11-192-04					
Aroclor 1016	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.056	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**0.092**	0.056	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***33-122***				

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Lab Traveler: 0911-192
Project: 14697

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:	MB1125S1					
Aroclor 1016	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1221	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1232	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1242	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1248	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1254	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Aroclor 1260	**ND**	0.050	EPA 8082	11-25-09	11-25-09	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***90***	***33-122***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	11-195-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.396**	**0.419**	0.500	0.500	ND	**79**	**84**	24-125	6	18	
Surrogate:											
DCB						***75***	***82***	***33-122***			

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Concrete
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-01					
Client ID:	**Concrete-Bldg7-1109**					
Arsenic	**20**	10	6010B	11-30-09	11-30-09	
Barium	**83**	2.5	6010B	11-30-09	11-30-09	
Cadmium	**ND**	0.50	6010B	11-30-09	11-30-09	
Chromium	**26**	0.50	6010B	11-30-09	11-30-09	
Lead	**85**	5.0	6010B	11-30-09	11-30-09	
Mercury	**ND**	0.25	7471A	11-25-09	11-25-09	
Selenium	**ND**	10	6010B	11-30-09	11-30-09	
Silver	**ND**	0.50	6010B	11-30-09	11-30-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: MB1130S1

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-25-09
Date Analyzed:	11-25-09
Matrix:	Concrete
Units:	mg/kg (ppm)
Lab ID:	MB1125S2

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
DUPLICATE QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-192-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**19.9**	**19.7**	1	10	
Barium	**83.3**	**78.6**	6	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**26.1**	**27.2**	4	0.50	
Lead	**85.5**	**58.2**	38	5.0	K
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-172-02

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B
MS/MSD QUALITY CONTROL

Date Extracted: 11-30-09
Date Analyzed: 11-30-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-192-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**104**	84	**105**	85	1	
Barium	100	**166**	82	**175**	92	5	
Cadmium	50	**47.5**	95	**46.7**	93	2	
Chromium	100	**120**	94	**118**	92	2	
Lead	250	**257**	69	**251**	66	3	V
Selenium	100	**88.9**	89	**90.0**	90	1	
Silver	25	**21.8**	87	**21.5**	86	2	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL MERCURY
EPA 7471A
MS/MSD QUALITY CONTROL

Date Extracted: 11-25-09
Date Analyzed: 11-25-09

Matrix: Concrete
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	**0.485**	97	**0.479**	96	1	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-02					
Client ID:	**B7-Trench-1-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**37**	2.7	6010B	11-24-09	11-24-09	
Cadmium	**ND**	0.54	6010B	11-24-09	11-24-09	
Chromium	**19**	0.54	6010B	11-24-09	11-24-09	
Lead	**34**	5.4	6010B	11-24-09	11-24-09	
Mercury	**0.28**	0.27	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.54	6010B	11-24-09	11-24-09	
Lab ID:	11-192-03					
Client ID:	**B7-Trench-2-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**39**	2.8	6010B	11-24-09	11-24-09	
Cadmium	**ND**	0.56	6010B	11-24-09	11-24-09	
Chromium	**16**	0.56	6010B	11-24-09	11-24-09	
Lead	**25**	5.6	6010B	11-24-09	11-24-09	
Mercury	**ND**	0.28	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.56	6010B	11-24-09	11-24-09	
Lab ID:	11-192-04					
Client ID:	**B7-Trench-3-1109**					
Arsenic	**ND**	11	6010B	11-24-09	11-24-09	
Barium	**93**	2.8	6010B	11-24-09	11-24-09	
Cadmium	**1.8**	0.56	6010B	11-24-09	11-24-09	
Chromium	**15**	0.56	6010B	11-24-09	11-24-09	
Lead	**200**	5.6	6010B	11-24-09	11-24-09	
Mercury	**ND**	0.28	7471A	11-25-09	11-25-09	
Selenium	**ND**	11	6010B	11-24-09	11-24-09	
Silver	**ND**	0.56	6010B	11-24-09	11-24-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1124S1&MB1125S2

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

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**39.2**	**42.8**	9	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.33**	**7.28**	1	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	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

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

Date Extracted: 11-24&25-09
Date Analyzed: 11-24&25-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 11-172-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**90.1**	90	**93.4**	93	4	
Barium	100	**138**	99	**135**	96	2	
Cadmium	50	**48.2**	96	**48.1**	96	0	
Chromium	100	**105**	98	**113**	105	7	
Lead	250	**230**	92	**232**	93	1	
Mercury	0.50	**0.485**	97	**0.479**	96	1	
Selenium	100	**92.3**	92	**91.7**	92	1	
Silver	25	**22.4**	89	**22.2**	89	1	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-192-01					
Client ID:	**Concrete-Bldg7-1109**					
Arsenic	**ND**	0.40	6010B	12-2-09	12-2-09	
Barium	**0.40**	0.20	6010B	12-2-09	12-2-09	
Chromium	**0.023**	0.020	6010B	12-2-09	12-2-09	
Lead	**ND**	0.20	6010B	12-2-09	12-2-09	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	12-1-09
Date Extracted:	12-2-09
Date Analyzed:	12-2-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1202T1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	0.40
Barium	6010B	**ND**	0.20
Chromium	6010B	**ND**	0.020
Lead	6010B	**ND**	0.20

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 12-1-09
Date Extracted: 12-2-09
Date Analyzed: 12-2-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-192-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	0.40	
Barium	**0.399**	**0.395**	1	0.20	
Chromium	**0.0227**	**ND**	NA	0.020	
Lead	**ND**	**ND**	NA	0.20	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

TCLP Metals
EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 12-1-09
Date Extracted: 12-2-09
Date Analyzed: 12-2-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-192-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	4.0	**4.21**	105	**4.29**	107	2	
Barium	4.0	**4.32**	98	**4.39**	100	2	
Chromium	4.0	**4.28**	107	**4.37**	109	2	
Lead	10	**9.75**	98	**10.0**	100	3	

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Date of Report: December 2, 2009
Samples Submitted: November 24, 2009
Laboratory Reference: 0911-192
Project: 14697

% MOISTURE

Date Analyzed: 11-25-09

Client ID	Lab ID	% Moisture
B7-Trench-1-1109	11-192-02	7
B7-Trench-2-1109	11-192-03	11
B7-Trench-3-1109	11-192-04	11

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z1 - The chromatogram is similar to mineral spirits

Z2 - The chromatogram is similar to mineral spirits with GRO.

Z3 - The chromatogram is similar to GRO with DRO.

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Chain of Custody

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

Page 1 of 1

Laboratory Number: 11-192

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly Moore Paint Co.
Project Manager: Tagga Gray
Sampled by: Erwin Enston / Clea Bleeker

Turnaround Request (in working days)

(Check One)

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

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals (As, Ba, Cr, Pb)	HEM by 1664	% Moisture
1	Concrete-Bldg 7-1109	11/23/09	15:45	⊗	1											X	●		
2	B7-Trench-1-1109	11/24/09	845	S	5		X	X	X		X		X			X			X
3	B7-Trench-2-1109	11/24/09	900	S	6		X	X	X		X		X			X			↓
4	B7-Trench-3-1109	11/24/09	930	S	6		X	X	X		X		X			X			↓

Clea Bleeker

	Signature	Company	Date	Time
Relinquished by	Clea Bleeker	AMEC GMX	11/24/09	1425
Received by	Brian Smith	Speedy	11/24/09	1425
Relinquished by	Brian Smith	Speedy	11/24/09	1530
Received by		OSE	11/24/09	1530
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
⊗ = Concrete
Silica gel/Acid wash cleanup on TPH-Dx
● Added 12/1/09. PB (1 day TAT)

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

November 11, 2009

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0910-228

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 28, 2009.

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

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

Case Narrative

Samples were collected on October 27 and 28, 2009, and received by the laboratory on October 28, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (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.

The chromatograms for samples PCS-2, Containment-N Wall-1009, Stockpile-C2, Containment-S Wall-1009, Tank2-B-1009, Containment-E Wall-1009, Containment-W Wall-1009 and Pipe-1-1009 are similar to mineral spirits with gasoline range organics.

The chromatograms for samples Stockpile-C1 and Stockpile-C3 are similar to mineral spirits.

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 Gx (water) Analysis

The chromatogram for sample Contain-GW-1009 is similar to mineral spirits with gasoline range organics.

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 (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.

Some MTCA Method A cleanup levels are non-achievable for samples PCS-2, Stockpile-C2, Containment-S Wall-1009, and Containment-E Wall-1009 due to the necessary dilution of the sample.

Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample Containment-W Wall-1009 due to the high concentration of co-eluting compounds.

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.

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-10				
Client ID:	**PCS-2**				
TPH-Gas	**94**	32	10-29-09	10-29-09	Z1
Surrogate: Fluorobenzene	92%	53-126			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-29-09
Date Analyzed:	10-29-09
Matrix: Soil	
Units: mg/kg (ppm)	
Lab ID:	MB1029S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	96%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-12 **Original**	10-228-12 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**9.39**	**10.1**	7	
Surrogate Recovery:				
Fluorobenzene	91%	92%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-05				
Client ID:	**Containment-N Wall-1009**				
TPH-Gas	**16**	7.5	10-29-09	10-29-09	Z1
Surrogate: Fluorobenzene	98%	53-126			
Lab ID:	10-228-09				
Client ID:	**Stockpile-C1**				
TPH-Gas	**14**	6.8	10-29-09	10-29-09	Z
Surrogate: Fluorobenzene	92%	53-126			
Lab ID:	10-228-11				
Client ID:	**Stockpile-C2**				
TPH-Gas	**130**	5.6	10-29-09	10-29-09	Z1
Surrogate: Fluorobenzene	96%	53-126			
Lab ID:	10-228-12				
Client ID:	**Stockpile-C3**				
TPH-Gas	**10**	6.6	10-29-09	10-29-09	Z
Surrogate: Fluorobenzene	91%	53-126			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1029S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0

Surrogate Recovery:
Fluorobenzene 96%

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-12 **Original**	10-228-12 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**9.39**	**10.1**	7	
Surrogate Recovery:				
Fluorobenzene	91%	92%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-01				
Client ID:	**Tank1-B-1009**				
TPH-Gas	**ND**	7.4	10-30-09	10-30-09	
Surrogate: Fluorobenzene	98%	53-126			
Lab ID:	10-228-02				
Client ID:	**Containment-S Wall-1009**				
TPH-Gas	**88**	14	10-30-09	11-2-09	Z1
Surrogate: Fluorobenzene	106%	53-126			
Lab ID:	10-228-04				
Client ID:	**Tank2-B-1009**				
TPH-Gas	**54**	7.0	10-30-09	10-30-09	Z1
Surrogate: Fluorobenzene	96%	53-126			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	100%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-01 **Original**	10-228-01 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	98%	100%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-03				
Client ID:	**Contain-GW-1009**				
TPH-Gas	**510000**	10000	10-29-09	10-29-09	Z1
Surrogate: Fluorobenzene	92%	74-121			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1029W2

	Result	Flags	PQL
TPH-Gas	**ND**		100

Surrogate Recovery:
Fluorobenzene 100%

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Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Water
Units: ug/L (ppb)

Lab ID:	10-229-02 **Original**	10-229-02 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**ND**	**ND**	NA	
Surrogate Recovery:				
Fluorobenzene	99%	98%		

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Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-06				
Client ID:	**Containment-E Wall-1009**				
TPH-Gas	**58**	6.4	11-3-09	11-3-09	Z1
Surrogate: Fluorobenzene	96%	53-126			
Lab ID:	10-228-07				
Client ID:	**Containment-W Wall-1009**				
TPH-Gas	**150**	6.9	11-3-09	11-3-09	Z1
Surrogate: Fluorobenzene	97%	53-126			
Lab ID:	10-228-08				
Client ID:	**Pipe-1-1009**				
TPH-Gas	**18**	13	11-3-09	11-3-09	Z1
Surrogate: Fluorobenzene	93%	53-126			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S1

	Result	Flags	PQL
TPH-Gas	**ND**		5.0
Surrogate Recovery:			
Fluorobenzene	96%		

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-228-07 **Original**	10-228-07 **Duplicate**	**RPD**	**Flags**
TPH-Gas	**151**	**146**	4	
Surrogate Recovery:				
Fluorobenzene	97%	95%		

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Date of Report: November 11, 2009
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Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-10				
Client ID:	**PCS-2**				
Diesel Range Organics	**48**	28	10-29-09	10-29-09	Y
Lube Oil	**62**	56	10-29-09	10-29-09	Y
Surrogate: o-terphenyl	74%	50-150			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-29-09
Date Analyzed:	10-29-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1029S2
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	86%
Flags:	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-29-09
Date Analyzed:	10-29-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-233-01	10-233-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	76%	80%
Flags:	Y	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-05				
Client ID:	**Containment-N Wall-1009**				
Diesel Range	**ND**	31	10-30-09	10-30-09	Y
Lube Oil Range	**ND**	63	10-30-09	10-30-09	Y
Surrogate: o-terphenyl	60%	50-150			
Lab ID:	10-228-09				
Client ID:	**Stockpile-C1**				
Diesel Range	**ND**	28	10-30-09	10-30-09	Y
Lube Oil	**86**	55	10-30-09	10-30-09	Y
Surrogate: o-terphenyl	75%	50-150			
Lab ID:	10-228-11				
Client ID:	**Stockpile-C2**				
Diesel Range	**ND**	35	10-30-09	10-30-09	Y,U1
Lube Oil	**64**	55	10-30-09	10-30-09	Y
Surrogate: o-terphenyl	65%	50-150			
Lab ID:	10-228-12				
Client ID:	**Stockpile-C3**				
Diesel Range	**ND**	28	10-30-09	10-30-09	Y
Lube Oil	**74**	55	10-30-09	10-30-09	Y
Surrogate: o-terphenyl	76%	50-150			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-30-09
Date Analyzed:	10-30-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1030S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	77%
Flags:	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	10-30-09
Date Analyzed:	10-30-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-228-05	10-228-05 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	60%	61%
Flags:	Y	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-01				
Client ID:	**Tank 1-B-1009**				
Diesel Range	**ND**	44	10-31-09	11-1-09	Y,U1
Lube Oil Range	**ND**	65	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	93%	50-150			
Lab ID:	10-228-02				
Client ID:	**Containment-S Wall-1009**				
Diesel Range	**ND**	41	10-31-09	11-1-09	Y,U1
Lube Oil Range	**ND**	61	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	78%	50-150			
Lab ID:	10-228-04				
Client ID:	**Tank 2-B-1009**				
Diesel Range	**ND**	31	10-31-09	11-1-09	Y
Lube Oil Range	**ND**	62	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	86%	50-150			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-31-09
Date Analyzed:	11-1-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1031S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	99%
Flags:	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 11-1-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID:	10-220-02	10-220-02 DUP
Diesel Range:	**48.3**	**35.5**
PQL:	25	25
RPD:	31	
Surrogate Recovery		
o-Terphenyl:	90%	104%
Flags:	Y	Y

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Date of Report: November 11, 2009
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Laboratory Reference: 0910-228
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NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-03				
Client ID:	**Contain-GW-1009**				
Diesel Range	**ND**	5.4	10-31-09	11-1-09	Y,U1
Lube Oil	**1.5**	0.44	10-31-09	11-1-09	Y
Surrogate: o-terphenyl	62%	50-150			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-31-09
Date Analyzed:	11-1-09
Matrix:	Water
Units:	mg/L (ppm)
Lab ID:	MB1031W1
Diesel Range:	**ND**
PQL:	0.25
Identification:	---
Lube Oil Range:	**ND**
PQL:	0.40
Identification:	---
Surrogate Recovery	
o-Terphenyl:	82%
Flags:	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 11-1-09

Matrix: Water
Units: mg/L (ppm)

Lab ID:	10-239-01	10-239-01 DUP
Diesel Range:	**ND**	**ND**
PQL:	0.25	0.26
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	84%	83%
Flags:	Y	Y

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Date of Report: November 11, 2009
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Laboratory Reference: 0910-228
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NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-06				
Client ID:	**Containment-E Wall-1009**				
Diesel Range	**ND**	160	11-4-09	11-4-09	Y,U1
Lube Oil	**220**	59	11-4-09	11-4-09	Y
Surrogate: o-terphenyl	62%	50-150			
Lab ID:	10-228-07				
Client ID:	**Containment-W Wall-1009**				
Diesel Range	**ND**	92	11-4-09	11-4-09	Y,U1
Lube Oil	**240**	58	11-4-09	11-4-09	Y
Surrogate: o-terphenyl	68%	50-150			
Lab ID:	10-228-08				
Client ID:	**Pipe-1-1009**				
Diesel Range	**ND**	44	11-4-09	11-4-09	Y
Lube Oil	**200**	87	11-4-09	11-4-09	Y
Surrogate: o-terphenyl	69%	50-150			

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Date of Report: November 11, 2009
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Project: 14697

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-4-09
Date Analyzed:	11-4-09
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1104S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	77%
Flags:	Y

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
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NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	11-4-09
Date Analyzed:	11-4-09
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	10-157-02	10-157-02 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	71%	85%
Flags:	Y	Y

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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-10
Client ID: PCS-2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.064
Chloromethane	ND		0.32
Vinyl Chloride	ND		0.064
Bromomethane	ND		0.064
Chloroethane	ND		0.32
Trichlorofluoromethane	ND		0.064
1,1-Dichloroethene	ND		0.064
Acetone	ND		0.32
Iodomethane	ND		0.32
Carbon Disulfide	ND		0.064
Methylene Chloride	ND		0.32
(trans) 1,2-Dichloroethene	ND		0.064
Methyl t-Butyl Ether	ND		0.064
1,1-Dichloroethane	ND		0.064
Vinyl Acetate	ND		0.32
2,2-Dichloropropane	ND		0.064
(cis) 1,2-Dichloroethene	ND		0.064
2-Butanone	ND		0.32
Bromochloromethane	ND		0.064
Chloroform	ND		0.064
1,1,1-Trichloroethane	ND		0.064
Carbon Tetrachloride	ND		0.064
1,1-Dichloropropene	ND		0.064
Benzene	ND		0.064
1,2-Dichloroethane	ND		0.064
Trichloroethene	ND		0.064
1,2-Dichloropropane	ND		0.064
Dibromomethane	ND		0.064
Bromodichloromethane	ND		0.064
2-Chloroethyl Vinyl Ether	ND		0.32
(cis) 1,3-Dichloropropene	ND		0.064
Methyl Isobutyl Ketone	ND		0.32
Toluene	ND		0.32
(trans) 1,3-Dichloropropene	ND		0.064

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Lab ID: 10-228-10
Client ID: PCS-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.064
Tetrachloroethene	ND		0.064
1,3-Dichloropropane	ND		0.064
2-Hexanone	ND		0.32
Dibromochloromethane	ND		0.064
1,2-Dibromoethane	ND		0.064
Chlorobenzene	ND		0.064
1,1,1,2-Tetrachloroethane	ND		0.064
Ethylbenzene	3.4		0.064
m,p-Xylene	12		0.64
o-Xylene	4.1		0.064
Styrene	ND		0.064
Bromoform	ND		0.064
Isopropylbenzene	0.082		0.064
Bromobenzene	ND		0.064
1,1,2,2-Tetrachloroethane	ND		0.064
1,2,3-Trichloropropane	ND		0.064
n-Propylbenzene	0.11		0.064
2-Chlorotoluene	ND		0.064
4-Chlorotoluene	ND		0.064
1,3,5-Trimethylbenzene	0.17		0.064
tert-Butylbenzene	ND		0.064
1,2,4-Trimethylbenzene	0.43		0.064
sec-Butylbenzene	ND		0.064
1,3-Dichlorobenzene	ND		0.064
p-Isopropyltoluene	ND		0.064
1,4-Dichlorobenzene	ND		0.064
1,2-Dichlorobenzene	ND		0.064
n-Butylbenzene	ND		0.064
1,2-Dibromo-3-chloropropane	ND		0.32
1,2,4-Trichlorobenzene	ND		0.064
Hexachlorobutadiene	ND		0.32
Naphthalene	1.0		0.064
1,2,3-Trichlorobenzene	ND		0.064

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	80	54-130

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1029S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1029S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	79	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-29-09
Date Analyzed: 10-29-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1029S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0473	95	0.0448	90	70-130	
Benzene	0.0500	0.0385	77	0.0379	76	70-128	
Trichloroethene	0.0500	0.0410	82	0.0417	83	70-124	
Toluene	0.0500	0.0398	80	0.0391	78	73-123	
Chlorobenzene	0.0500	0.0471	94	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	5	16	
Benzene	2	15	
Trichloroethene	2	14	
Toluene	2	14	
Chlorobenzene	1	13	

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-05
Client ID: Containment-N Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.034		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	0.0016		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	0.059		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Lab ID: 10-228-05
Client ID: Containment-N Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.71		0.070
m,p-Xylene	0.99		0.14
o-Xylene	0.21		0.070
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.035		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.061		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	0.023		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	0.057		0.0010
sec-Butylbenzene	0.0058		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	0.0018		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	0.0054		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	0.0070		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	93	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-09
Client ID: Stockpile-C1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.028		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 10-228-09
Client ID: Stockpile-C1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.024		0.0012
m,p-Xylene	0.13		0.0024
o-Xylene	0.028		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.0039		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	0.0045		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.0030		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	0.0056		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	0.0012		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	0.0020		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	86	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
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VOLATILES by EPA 8260B
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-11
Client ID: Stockpile-C2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.12
Chloromethane	ND		0.62
Vinyl Chloride	ND		0.12
Bromomethane	ND		0.12
Chloroethane	ND		0.62
Trichlorofluoromethane	ND		0.12
1,1-Dichloroethene	ND		0.12
Acetone	ND		0.62
Iodomethane	ND		0.62
Carbon Disulfide	ND		0.12
Methylene Chloride	ND		0.62
(trans) 1,2-Dichloroethene	ND		0.12
Methyl t-Butyl Ether	ND		0.12
1,1-Dichloroethane	ND		0.12
Vinyl Acetate	ND		0.62
2,2-Dichloropropane	ND		0.12
(cis) 1,2-Dichloroethene	ND		0.12
2-Butanone	ND		0.62
Bromochloromethane	ND		0.12
Chloroform	ND		0.12
1,1,1-Trichloroethane	ND		0.12
Carbon Tetrachloride	ND		0.12
1,1-Dichloropropene	ND		0.12
Benzene	ND		0.12
1,2-Dichloroethane	ND		0.12
Trichloroethene	ND		0.12
1,2-Dichloropropane	ND		0.12
Dibromomethane	ND		0.12
Bromodichloromethane	ND		0.12
2-Chloroethyl Vinyl Ether	ND		0.62
(cis) 1,3-Dichloropropene	ND		0.12
Methyl Isobutyl Ketone	ND		0.62
Toluene	ND		0.62
(trans) 1,3-Dichloropropene	ND		0.12

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Lab ID: 10-228-11
Client ID: Stockpile-C2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.12
Tetrachloroethene	ND		0.12
1,3-Dichloropropane	ND		0.12
2-Hexanone	ND		0.62
Dibromochloromethane	ND		0.12
1,2-Dibromoethane	ND		0.12
Chlorobenzene	ND		0.12
1,1,1,2-Tetrachloroethane	ND		0.12
Ethylbenzene	3.7		0.12
m,p-Xylene	22		0.25
o-Xylene	4.6		0.12
Styrene	ND		0.12
Bromoform	ND		0.12
Isopropylbenzene	0.15		0.12
Bromobenzene	ND		0.12
1,1,2,2-Tetrachloroethane	ND		0.12
1,2,3-Trichloropropane	ND		0.12
n-Propylbenzene	0.22		0.12
2-Chlorotoluene	ND		0.12
4-Chlorotoluene	ND		0.12
1,3,5-Trimethylbenzene	0.32		0.12
tert-Butylbenzene	ND		0.12
1,2,4-Trimethylbenzene	1.0		0.12
sec-Butylbenzene	ND		0.12
1,3-Dichlorobenzene	ND		0.12
p-Isopropyltoluene	0.14		0.12
1,4-Dichlorobenzene	ND		0.12
1,2-Dichlorobenzene	ND		0.12
n-Butylbenzene	ND		0.12
1,2-Dibromo-3-chloropropane	ND		0.62
1,2,4-Trichlorobenzene	ND		0.12
Hexachlorobutadiene	ND		0.62
Naphthalene	0.17		0.12
1,2,3-Trichlorobenzene	ND		0.12

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	85	56-127
4-Bromofluorobenzene	84	54-130

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-12
Client ID: Stockpile-C3

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0055
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0055
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.019		0.0055
Iodomethane	ND		0.0055
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0055
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0055
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0055
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0055
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0055
Toluene	ND		0.0055
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 10-228-12
Client ID: Stockpile-C3

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0055
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.079		0.0011
m,p-Xylene	0.33		0.12
o-Xylene	0.083		0.058
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.0055		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.0067		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	0.0066		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	0.016		0.0011
sec-Butylbenzene	0.0014		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	0.0016		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	0.0016		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0055
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0055
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	92	54-130

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1030S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	85	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1030S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0433	87	0.0438	88	70-130	
Benzene	0.0500	0.0405	81	0.0408	82	70-128	
Trichloroethene	0.0500	0.0450	90	0.0409	82	70-124	
Toluene	0.0500	0.0456	91	0.0409	82	73-123	
Chlorobenzene	0.0500	0.0495	99	0.0468	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	16	
Benzene	1	15	
Trichloroethene	10	14	
Toluene	11	14	
Chlorobenzene	6	13	

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Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01
Client ID: Tank1-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0062
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0062
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.028		0.0062
Iodomethane	ND		0.0062
Carbon Disulfide	0.0097		0.0012
Methylene Chloride	ND		0.0062
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0062
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0062
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0062
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0062
Toluene	ND		0.0062
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 10-228-01
Client ID: Tank1-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0062
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.0090		0.0012
m,p-Xylene	0.011		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.0072		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	0.0083		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	0.0013		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0062
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0062
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	91	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-02
Client ID: Containment-S Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.3
Chloromethane	ND		6.7
Vinyl Chloride	ND		1.3
Bromomethane	ND		1.3
Chloroethane	ND		6.7
Trichlorofluoromethane	ND		1.3
1,1-Dichloroethene	ND		1.3
Acetone	ND		6.7
Iodomethane	ND		6.7
Carbon Disulfide	ND		1.3
Methylene Chloride	ND		6.7
(trans) 1,2-Dichloroethene	ND		1.3
Methyl t-Butyl Ether	ND		1.3
1,1-Dichloroethane	ND		1.3
Vinyl Acetate	ND		6.7
2,2-Dichloropropane	ND		1.3
(cis) 1,2-Dichloroethene	ND		1.3
2-Butanone	ND		6.7
Bromochloromethane	ND		1.3
Chloroform	ND		1.3
1,1,1-Trichloroethane	ND		1.3
Carbon Tetrachloride	ND		1.3
1,1-Dichloropropene	ND		1.3
Benzene	ND		1.3
1,2-Dichloroethane	ND		1.3
Trichloroethene	ND		1.3
1,2-Dichloropropane	ND		1.3
Dibromomethane	ND		1.3
Bromodichloromethane	ND		1.3
2-Chloroethyl Vinyl Ether	ND		6.7
(cis) 1,3-Dichloropropene	ND		1.3
Methyl Isobutyl Ketone	ND		6.7
Toluene	ND		6.7
(trans) 1,3-Dichloropropene	ND		1.3

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Lab ID: 10-228-02
Client ID: Containment-S Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.3
Tetrachloroethene	ND		1.3
1,3-Dichloropropane	ND		1.3
2-Hexanone	ND		6.7
Dibromochloromethane	ND		1.3
1,2-Dibromoethane	ND		1.3
Chlorobenzene	ND		1.3
1,1,1,2-Tetrachloroethane	ND		1.3
Ethylbenzene	41		1.3
m,p-Xylene	150		2.7
o-Xylene	28		1.3
Styrene	ND		1.3
Bromoform	ND		1.3
Isopropylbenzene	ND		1.3
Bromobenzene	ND		1.3
1,1,2,2-Tetrachloroethane	ND		1.3
1,2,3-Trichloropropane	ND		1.3
n-Propylbenzene	ND		1.3
2-Chlorotoluene	ND		1.3
4-Chlorotoluene	ND		1.3
1,3,5-Trimethylbenzene	1.4		1.3
tert-Butylbenzene	ND		1.3
1,2,4-Trimethylbenzene	2.5		1.3
sec-Butylbenzene	ND		1.3
1,3-Dichlorobenzene	ND		1.3
p-Isopropyltoluene	ND		1.3
1,4-Dichlorobenzene	ND		1.3
1,2-Dichlorobenzene	ND		1.3
n-Butylbenzene	ND		1.3
1,2-Dibromo-3-chloropropane	ND		6.7
1,2,4-Trichlorobenzene	ND		1.3
Hexachlorobutadiene	ND		6.7
Naphthalene	ND		1.3
1,2,3-Trichlorobenzene	ND		1.3

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	84	56-127
4-Bromofluorobenzene	83	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date Extracted: 11-2-09
Date Analyzed: 11-2&3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-04
Client ID: Tank2-B-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0066
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0066
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.055		0.0066
Iodomethane	ND		0.0066
Carbon Disulfide	0.0060		0.0013
Methylene Chloride	ND		0.0066
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0066
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0066
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0066
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0066
Toluene	0.095		0.0066
(trans) 1,3-Dichloropropene	ND		0.0013

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Lab ID: 10-228-04
Client ID: Tank2-B-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0066
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	1.3		0.074
m,p-Xylene	2.6		0.15
o-Xylene	0.58		0.074
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	0.12		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	0.18		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	0.13		0.0013
tert-Butylbenzene	0.0026		0.0013
1,2,4-Trimethylbenzene	0.11		0.074
sec-Butylbenzene	0.044		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	0.014		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0066
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0066
Naphthalene	0.18		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	55-125
Toluene-d8	106	56-127
4-Bromofluorobenzene	130	54-130

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METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1102S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1102S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	89	56-127
4-Bromofluorobenzene	86	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 11-2-09
Date Analyzed: 11-2-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0485/0.0464	0.0357	73	0.0334	72	70-130	
Benzene	ND	0.0485/0.0464	0.0381	78	0.0369	80	70-130	
Trichloroethene	ND	0.0485/0.0464	0.0399	82	0.0394	85	70-124	
Toluene	ND	0.0485/0.0464	0.0385	79	0.0401	86	70-130	
Chlorobenzene	ND	0.0485/0.0464	0.0449	92	0.0433	93	72-127	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	3	17	
Trichloroethene	4	13	
Toluene	8	16	
Chlorobenzene	1	15	

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-228-03
Client ID: Contain-GW-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		100
Chloromethane	ND		500
Vinyl Chloride	ND		100
Bromomethane	ND		100
Chloroethane	ND		500
Trichlorofluoromethane	ND		100
1,1-Dichloroethene	ND		100
Acetone	ND		2500
Iodomethane	ND		500
Carbon Disulfide	ND		100
Methylene Chloride	ND		500
(trans) 1,2-Dichloroethene	ND		100
Methyl t-Butyl Ether	ND		100
1,1-Dichloroethane	ND		100
Vinyl Acetate	ND		1000
2,2-Dichloropropane	ND		100
(cis) 1,2-Dichloroethene	ND		100
2-Butanone	ND		2500
Bromochloromethane	ND		100
Chloroform	ND		100
1,1,1-Trichloroethane	ND		100
Carbon Tetrachloride	ND		100
1,1-Dichloropropene	ND		100
Benzene	ND		100
1,2-Dichloroethane	ND		100
Trichloroethene	ND		100
1,2-Dichloropropane	ND		100
Dibromomethane	ND		100
Bromodichloromethane	ND		100
2-Chloroethyl Vinyl Ether	ND		500
(cis) 1,3-Dichloropropene	ND		100
Methyl Isobutyl Ketone	ND		1000
Toluene	1200		500
(trans) 1,3-Dichloropropene	ND		100

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Lab ID: 10-228-03
Client ID: Contain-GW-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		100
Tetrachloroethene	ND		100
1,3-Dichloropropane	ND		100
2-Hexanone	ND		1000
Dibromochloromethane	ND		100
1,2-Dibromoethane	ND		100
Chlorobenzene	ND		100
1,1,1,2-Tetrachloroethane	ND		100
Ethylbenzene	13000		100
m,p-Xylene	45000		400
o-Xylene	12000		100
Styrene	ND		100
Bromoform	ND		500
Isopropylbenzene	100		100
Bromobenzene	ND		100
1,1,2,2-Tetrachloroethane	ND		100
1,2,3-Trichloropropane	ND		100
n-Propylbenzene	ND		100
2-Chlorotoluene	ND		100
4-Chlorotoluene	ND		100
1,3,5-Trimethylbenzene	120		100
tert-Butylbenzene	ND		100
1,2,4-Trimethylbenzene	430		100
sec-Butylbenzene	ND		100
1,3-Dichlorobenzene	ND		100
p-Isopropyltoluene	ND		100
1,4-Dichlorobenzene	ND		100
1,2-Dichlorobenzene	ND		100
n-Butylbenzene	ND		100
1,2-Dibromo-3-chloropropane	ND		500
1,2,4-Trichlorobenzene	ND		100
Hexachlorobutadiene	ND		100
Naphthalene	590		500
1,2,3-Trichlorobenzene	ND		100

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	95	76-116
4-Bromofluorobenzene	94	70-123

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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-228-13
Client ID: Trip Blank

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.31		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-228-13
Client ID: Trip Blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	71-126
Toluene-d8	97	76-116
4-Bromofluorobenzene	82	70-123

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METHOD BLANK QUALITY CONTROL
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Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1030W2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: MB1030W2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	71-126
Toluene-d8	95	76-116
4-Bromofluorobenzene	83	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
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Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB1030W2

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	10.6	106	10.8	108	70-130	
Benzene	10.0	10.9	109	11.3	113	70-130	
Trichloroethene	10.0	10.3	103	10.3	103	70-123	
Toluene	10.0	10.8	108	11.1	111	77-120	
Chlorobenzene	10.0	9.28	93	9.44	94	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	21	
Benzene	4	18	
Trichloroethene	0	18	
Toluene	3	17	
Chlorobenzene	2	18	

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

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Date Extracted: 11-3-09
Date Analyzed: 11-4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-06
Client ID: Containment-E Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.065
Chloromethane	ND		0.33
Vinyl Chloride	ND		0.065
Bromomethane	ND		0.065
Chloroethane	ND		0.33
Trichlorofluoromethane	ND		0.065
1,1-Dichloroethene	ND		0.065
Acetone	ND		0.33
Iodomethane	ND		0.33
Carbon Disulfide	ND		0.065
Methylene Chloride	ND		0.33
(trans) 1,2-Dichloroethene	ND		0.065
Methyl t-Butyl Ether	ND		0.065
1,1-Dichloroethane	ND		0.065
Vinyl Acetate	ND		0.33
2,2-Dichloropropane	ND		0.065
(cis) 1,2-Dichloroethene	ND		0.065
2-Butanone	ND		0.33
Bromochloromethane	ND		0.065
Chloroform	ND		0.065
1,1,1-Trichloroethane	ND		0.065
Carbon Tetrachloride	ND		0.065
1,1-Dichloropropene	ND		0.065
Benzene	ND		0.065
1,2-Dichloroethane	ND		0.065
Trichloroethene	ND		0.065
1,2-Dichloropropane	ND		0.065
Dibromomethane	ND		0.065
Bromodichloromethane	ND		0.065
2-Chloroethyl Vinyl Ether	ND		0.33
(cis) 1,3-Dichloropropene	ND		0.065
Methyl Isobutyl Ketone	ND		0.33
Toluene	ND		0.33
(trans) 1,3-Dichloropropene	ND		0.065

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
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Lab ID: 10-228-06
Client ID: Containment-E Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.065
Tetrachloroethene	ND		0.065
1,3-Dichloropropane	ND		0.065
2-Hexanone	ND		0.33
Dibromochloromethane	ND		0.065
1,2-Dibromoethane	ND		0.065
Chlorobenzene	ND		0.065
1,1,1,2-Tetrachloroethane	ND		0.065
Ethylbenzene	0.50		0.065
m,p-Xylene	1.0		0.13
o-Xylene	ND		0.065
Styrene	ND		0.065
Bromoform	ND		0.065
Isopropylbenzene	1.5		0.065
Bromobenzene	ND		0.065
1,1,2,2-Tetrachloroethane	ND		0.065
1,2,3-Trichloropropane	ND		0.065
n-Propylbenzene	2.2		0.065
2-Chlorotoluene	ND		0.065
4-Chlorotoluene	ND		0.065
1,3,5-Trimethylbenzene	ND		0.065
tert-Butylbenzene	ND		0.065
1,2,4-Trimethylbenzene	0.14		0.065
sec-Butylbenzene	0.38		0.065
1,3-Dichlorobenzene	ND		0.065
p-Isopropyltoluene	ND		0.065
1,4-Dichlorobenzene	ND		0.065
1,2-Dichlorobenzene	ND		0.065
n-Butylbenzene	0.52		0.065
1,2-Dibromo-3-chloropropane	ND		0.33
1,2,4-Trichlorobenzene	ND		0.065
Hexachlorobutadiene	ND		0.33
Naphthalene	0.075		0.065
1,2,3-Trichlorobenzene	ND		0.065

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	55-125
Toluene-d8	91	56-127
4-Bromofluorobenzene	83	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
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Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-07
Client ID: Containment-W Wall-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0065
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0065
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.15		0.0065
Iodomethane	ND		0.0065
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0065
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0065
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0065
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	0.0020		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0065
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0065
Toluene	ND		0.0065
(trans) 1,3-Dichloropropene	ND		0.0013

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
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Lab ID: 10-228-07
Client ID: Containment-W Wall-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0065
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	0.072		0.0013
m,p-Xylene	0.25		0.13
o-Xylene	0.11		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	0.044		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	0.047		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	0.029		0.0013
tert-Butylbenzene	0.0022		0.0013
1,2,4-Trimethylbenzene	0.057		0.0013
sec-Butylbenzene	0.017		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	0.0040		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0065
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0065
Naphthalene	0.013		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery		Control Limits
Dibromofluoromethane	92		55-125
Toluene-d8	102		56-127
4-Bromofluorobenzene	157	Q	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
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Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-08
Client ID: Pipe-1-1009

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0019
Chloromethane	ND		0.0097
Vinyl Chloride	ND		0.0019
Bromomethane	ND		0.0019
Chloroethane	ND		0.0097
Trichlorofluoromethane	ND		0.0019
1,1-Dichloroethene	ND		0.0019
Acetone	ND		0.0097
Iodomethane	ND		0.0097
Carbon Disulfide	ND		0.0019
Methylene Chloride	ND		0.0097
(trans) 1,2-Dichloroethene	ND		0.0019
Methyl t-Butyl Ether	ND		0.0019
1,1-Dichloroethane	ND		0.0019
Vinyl Acetate	ND		0.0097
2,2-Dichloropropane	ND		0.0019
(cis) 1,2-Dichloroethene	ND		0.0019
2-Butanone	ND		0.0097
Bromochloromethane	ND		0.0019
Chloroform	ND		0.0019
1,1,1-Trichloroethane	ND		0.0019
Carbon Tetrachloride	ND		0.0019
1,1-Dichloropropene	ND		0.0019
Benzene	0.0036		0.0019
1,2-Dichloroethane	ND		0.0019
Trichloroethene	ND		0.0019
1,2-Dichloropropane	ND		0.0019
Dibromomethane	ND		0.0019
Bromodichloromethane	ND		0.0019
2-Chloroethyl Vinyl Ether	ND		0.0097
(cis) 1,3-Dichloropropene	ND		0.0019
Methyl Isobutyl Ketone	ND		0.0097
Toluene	0.020		0.0097
(trans) 1,3-Dichloropropene	ND		0.0019

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Date of Report: November 11, 2009
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Lab ID: 10-228-08
Client ID: Pipe-1-1009

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0019
Tetrachloroethene	0.0038		0.0019
1,3-Dichloropropane	ND		0.0019
2-Hexanone	ND		0.0097
Dibromochloromethane	ND		0.0019
1,2-Dibromoethane	ND		0.0019
Chlorobenzene	ND		0.0019
1,1,1,2-Tetrachloroethane	ND		0.0019
Ethylbenzene	0.34		0.27
m,p-Xylene	1.2		0.54
o-Xylene	0.31		0.27
Styrene	ND		0.0019
Bromoform	ND		0.0019
Isopropylbenzene	0.018		0.0019
Bromobenzene	ND		0.0019
1,1,2,2-Tetrachloroethane	ND		0.0019
1,2,3-Trichloropropane	ND		0.0019
n-Propylbenzene	ND		0.0019
2-Chlorotoluene	ND		0.0019
4-Chlorotoluene	ND		0.0019
1,3,5-Trimethylbenzene	ND		0.0019
tert-Butylbenzene	ND		0.0019
1,2,4-Trimethylbenzene	ND		0.0019
sec-Butylbenzene	ND		0.0019
1,3-Dichlorobenzene	ND		0.0019
p-Isopropyltoluene	ND		0.0019
1,4-Dichlorobenzene	ND		0.0019
1,2-Dichlorobenzene	ND		0.0019
n-Butylbenzene	ND		0.0019
1,2-Dibromo-3-chloropropane	ND		0.0097
1,2,4-Trichlorobenzene	ND		0.0019
Hexachlorobutadiene	ND		0.0097
Naphthalene	ND		0.0019
1,2,3-Trichlorobenzene	ND		0.0019

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	82	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1103S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	84	54-130

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Date of Report: November 11, 2009
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Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 11-4-09
Date Analyzed: 11-4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1104S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1104S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	55-125
Toluene-d8	94	56-127
4-Bromofluorobenzene	87	54-130

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-3-09
Date Analyzed: 11-3-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1103S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0547	109	0.0566	113	70-130	
Benzene	0.0500	0.0478	96	0.0480	96	70-128	
Trichloroethene	0.0500	0.0503	101	0.0500	100	70-124	
Toluene	0.0500	0.0478	96	0.0471	94	73-123	
Chlorobenzene	0.0500	0.0533	107	0.0512	102	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	16	
Benzene	0	15	
Trichloroethene	1	14	
Toluene	1	14	
Chlorobenzene	4	13	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 11-4-09
Date Analyzed: 11-4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB1104S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0536	107	0.0556	111	70-130	
Benzene	0.0500	0.0469	94	0.0470	94	70-128	
Trichloroethene	0.0500	0.0495	99	0.0486	97	70-124	
Toluene	0.0500	0.0477	95	0.0470	94	73-123	
Chlorobenzene	0.0500	0.0511	102	0.0488	98	73-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	16	
Benzene	0	15	
Trichloroethene	2	14	
Toluene	1	14	
Chlorobenzene	5	13	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
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SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-2**					
Laboratory ID:	10-228-10					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**0.36**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Naphthalene	**0.41**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**0.19**	0.037	EPA 8270	10-29-09	10-29-09	
1-Methylnaphthalene	**0.093**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-2**					
Laboratory ID:	10-228-10					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**1.0**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**0.70**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluorene	**1.1**	0.037	EPA 8270	10-29-09	10-29-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**5.2**	0.37	EPA 8270	10-29-09	10-30-09	
Anthracene	**1.6**	0.037	EPA 8270	10-29-09	10-29-09	
Carbazole	**0.57**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**3.5**	0.37	EPA 8270	10-29-09	10-30-09	
Benzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Pyrene	**2.7**	0.37	EPA 8270	10-29-09	10-30-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**0.85**	0.037	EPA 8270	10-29-09	10-29-09	
Chrysene	**0.90**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Ethylhexyl)phthalate	**0.050**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**0.88**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[k]fluoranthene	**0.35**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[a]pyrene	**0.73**	0.037	EPA 8270	10-29-09	10-29-09	
Indeno[1,2,3-cd]pyrene	**0.44**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenz[a,h]anthracene	**0.13**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[g,h,i]perylene	**0.45**	0.037	EPA 8270	10-29-09	10-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*66*	*19 - 97*				
Phenol-d6	*76*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*83*	*44 - 121*				
Terphenyl-d14	*77*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	MB1029S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1029S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Carbazole	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzidine	**ND**	0.33	EPA 8270	10-29-09	10-29-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*86*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-228-11										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.06**	**0.970**	1.33	1.33	ND	80	73	38 - 97	9	30	
2-Chlorophenol	**0.989**	**0.936**	1.33	1.33	ND	74	70	28 - 102	6	38	
1,4-Dichlorobenzene	**0.459**	**0.456**	0.667	0.667	ND	69	68	14 - 84	1	41	
N-Nitroso-di-n-propylamine	**0.547**	**0.523**	0.667	0.667	ND	82	78	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.475**	**0.474**	0.667	0.667	ND	71	71	23 - 93	0	37	
4-Chloro-3-methylphenol	**1.19**	**1.06**	1.33	1.33	ND	89	80	49 - 113	12	31	
Acenaphthene	**0.603**	**0.578**	0.667	0.667	0.123	72	68	37 - 101	4	40	
4-Nitrophenol	**1.08**	**1.10**	1.33	1.33	ND	81	83	30 - 136	2	31	
2,4-Dinitrotoluene	**0.504**	**0.499**	0.667	0.667	ND	76	75	36 - 122	1	32	
Pentachlorophenol	**1.22**	**1.22**	1.33	1.33	ND	92	92	15 - 143	0	34	
Pyrene	**0.787**	**0.762**	0.667	0.667	0.301	73	69	24 - 138	3	39	
Surrogate:											
2-Fluorophenol						*62*	*61*	*19 - 97*			
Phenol-d6						*70*	*66*	*22 - 108*			
Nitrobenzene-d5						*67*	*65*	*21 - 106*			
2-Fluorobiphenyl						*73*	*72*	*29 - 107*			
2,4,6-Tribromophenol						*75*	*72*	*44 - 121*			
Terphenyl-d14						*70*	*69*	*37 - 120*			

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Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-N Wall-1009**					
Laboratory ID:	10-228-05					
N-Nitrosodimethylamine	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Naphthalene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
4-Chloroaniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
1-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-N Wall-1009**					
Laboratory ID:	10-228-05					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
4-Nitrophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Fluorene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Anthracene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Carbazole	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Benzidine	**ND**	0.42	EPA 8270	10-29-09	10-29-09	
Pyrene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Butylbenzylphthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.42	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Chrysene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.042	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[k]fluoranthene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**ND**	0.0083	EPA 8270/SIM	10-29-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*59*	*19 - 97*				
Phenol-d6	*67*	*22 - 108*				
Nitrobenzene-d5	*59*	*21 - 106*				
2-Fluorobiphenyl	*68*	*29 - 107*				
2,4,6-Tribromophenol	*82*	*44 - 121*				
Terphenyl-d14	*82*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C1**					
Laboratory ID:	10-228-09					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Naphthalene	**0.013**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**0.0084**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	

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Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C1**					
Laboratory ID:	10-228-09					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**0.016**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluorene	**0.016**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**0.089**	0.037	EPA 8270	10-29-09	10-29-09	
Anthracene	**0.029**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Carbazole	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**0.082**	0.037	EPA 8270	10-29-09	10-29-09	
Benzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Pyrene	**0.074**	0.037	EPA 8270	10-29-09	10-29-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**0.028**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Chrysene	**0.045**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Ethylhexyl)phthalate	**0.11**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**0.047**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[k]fluoranthene	**0.010**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[a]pyrene	**0.027**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Indeno[1,2,3-cd]pyrene	**0.024**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Dibenz[a,h]anthracene	**0.0084**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**0.030**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*19 - 97*				
Phenol-d6	*64*	*22 - 108*				
Nitrobenzene-d5	*61*	*21 - 106*				
2-Fluorobiphenyl	*66*	*29 - 107*				
2,4,6-Tribromophenol	*66*	*44 - 121*				
Terphenyl-d14	*64*	*37 - 120*				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C2**					
Laboratory ID:	10-228-11					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Naphthalene	**0.13**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**0.051**	0.037	EPA 8270	10-29-09	10-29-09	
1-Methylnaphthalene	**0.022**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C2**					
Laboratory ID:	10-228-11					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**0.14**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**0.080**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluorene	**0.13**	0.037	EPA 8270	10-29-09	10-29-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**0.59**	0.037	EPA 8270	10-29-09	10-29-09	
Anthracene	**0.17**	0.037	EPA 8270	10-29-09	10-29-09	
Carbazole	**0.039**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**0.43**	0.037	EPA 8270	10-29-09	10-29-09	
Benzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Pyrene	**0.33**	0.037	EPA 8270	10-29-09	10-29-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**0.12**	0.037	EPA 8270	10-29-09	10-29-09	
Chrysene	**0.15**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Ethylhexyl)phthalate	**0.15**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**0.14**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[k]fluoranthene	**0.056**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[a]pyrene	**0.11**	0.037	EPA 8270	10-29-09	10-29-09	
Indeno[1,2,3-cd]pyrene	**0.076**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenz[a,h]anthracene	**0.023**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**0.084**	0.037	EPA 8270	10-29-09	10-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*19 - 97*				
Phenol-d6	*75*	*22 - 108*				
Nitrobenzene-d5	*67*	*21 - 106*				
2-Fluorobiphenyl	*78*	*29 - 107*				
2,4,6-Tribromophenol	*82*	*44 - 121*				
Terphenyl-d14	*77*	*37 - 120*				

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C3**					
Laboratory ID:	10-228-12					
N-Nitrosodimethylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Naphthalene	**0.013**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4-Chloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Stockpile-C3**					
Laboratory ID:	10-228-12					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**0.012**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4-Nitrophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluorene	**0.012**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**0.069**	0.037	EPA 8270	10-29-09	10-29-09	
Anthracene	**0.021**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Carbazole	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**0.068**	0.037	EPA 8270	10-29-09	10-29-09	
Benzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Pyrene	**0.063**	0.037	EPA 8270	10-29-09	10-29-09	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**0.023**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Chrysene	**0.037**	0.037	EPA 8270	10-29-09	10-29-09	
bis(2-Ethylhexyl)phthalate	**0.97**	0.037	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**0.049**	0.037	EPA 8270	10-29-09	10-29-09	
Benzo[k]fluoranthene	**0.011**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[a]pyrene	**0.028**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Indeno[1,2,3-cd]pyrene	**0.026**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Dibenz[a,h]anthracene	**0.0084**	0.0074	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**0.041**	0.037	EPA 8270	10-29-09	10-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*71*	*22 - 108*				
Nitrobenzene-d5	*67*	*21 - 106*				
2-Fluorobiphenyl	*73*	*29 - 107*				
2,4,6-Tribromophenol	*73*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	MB1029S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Pyridine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Phenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Aniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachloroethane	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Nitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Isophorone	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1029S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Dibenzofuran	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Diethylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	10-29-09	10-29-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Carbazole	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzidine	**ND**	0.33	EPA 8270	10-29-09	10-29-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	10-29-09	10-29-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	10-29-09	10-29-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-29-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*86*	*44 - 121*				
Terphenyl-d14	*87*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-228-11										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.06**	**0.970**	1.33	1.33	ND	80	73	38 - 97	9	30	
2-Chlorophenol	**0.989**	**0.936**	1.33	1.33	ND	74	70	28 - 102	6	38	
1,4-Dichlorobenzene	**0.459**	**0.456**	0.667	0.667	ND	69	68	14 - 84	1	41	
N-Nitroso-di-n-propylamine	**0.547**	**0.523**	0.667	0.667	ND	82	78	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.475**	**0.474**	0.667	0.667	ND	71	71	23 - 93	0	37	
4-Chloro-3-methylphenol	**1.19**	**1.06**	1.33	1.33	ND	89	80	49 - 113	12	31	
Acenaphthene	**0.603**	**0.578**	0.667	0.667	0.123	72	68	37 - 101	4	40	
4-Nitrophenol	**1.08**	**1.10**	1.33	1.33	ND	81	83	30 - 136	2	31	
2,4-Dinitrotoluene	**0.504**	**0.499**	0.667	0.667	ND	76	75	36 - 122	1	32	
Pentachlorophenol	**1.22**	**1.22**	1.33	1.33	ND	92	92	15 - 143	0	34	
Pyrene	**0.787**	**0.762**	0.667	0.667	0.301	73	69	24 - 138	3	39	
Surrogate:											
2-Fluorophenol						*62*	*61*	*19 - 97*			
Phenol-d6						*70*	*66*	*22 - 108*			
Nitrobenzene-d5						*67*	*65*	*21 - 106*			
2-Fluorobiphenyl						*73*	*72*	*29 - 107*			
2,4,6-Tribromophenol						*75*	*72*	*44 - 121*			
Terphenyl-d14						*70*	*69*	*37 - 120*			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank1-B-1009**					
Laboratory ID:	10-228-01					
N-Nitrosodimethylamine	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Pyridine	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Phenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Aniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Chlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Benzyl alcohol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Hexachloroethane	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Nitrobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Isophorone	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Nitrophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Naphthalene	**0.060**	0.043	EPA 8270	11-2-09	11-4-09	
4-Chloroaniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Hexachlorobutadiene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Methylnaphthalene	**0.30**	0.043	EPA 8270	11-2-09	11-4-09	
1-Methylnaphthalene	**0.18**	0.043	EPA 8270	11-2-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Chloronaphthalene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2-Nitroaniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Dimethylphthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Acenaphthylene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
3-Nitroaniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank1-B-1009**					
Laboratory ID:	10-228-01					
2,4-Dinitrophenol	**ND**	0.22	EPA 8270	11-2-09	11-4-09	
Acenaphthene	**0.69**	0.043	EPA 8270	11-2-09	11-4-09	
4-Nitrophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Dibenzofuran	**0.17**	0.043	EPA 8270	11-2-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Diethylphthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
4-Nitroaniline	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Fluorene	**0.27**	0.043	EPA 8270	11-2-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.22	EPA 8270	11-2-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Hexachlorobenzene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Pentachlorophenol	**ND**	0.22	EPA 8270	11-2-09	11-4-09	
Phenanthrene	**0.22**	0.043	EPA 8270	11-2-09	11-4-09	
Anthracene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Carbazole	**0.33**	0.043	EPA 8270	11-2-09	11-4-09	
Di-n-butylphthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Fluoranthene	**0.095**	0.043	EPA 8270	11-2-09	11-4-09	
Benzidine	**ND**	0.43	EPA 8270	11-2-09	11-4-09	
Pyrene	**0.094**	0.043	EPA 8270	11-2-09	11-4-09	
Butylbenzylphthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.43	EPA 8270	11-2-09	11-4-09	
Benzo[a]anthracene	**0.068**	0.043	EPA 8270	11-2-09	11-4-09	
Chrysene	**0.083**	0.043	EPA 8270	11-2-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Di-n-octylphthalate	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Benzo[b]fluoranthene	**0.12**	0.043	EPA 8270	11-2-09	11-4-09	
Benzo[k]fluoranthene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Benzo[a]pyrene	**0.090**	0.043	EPA 8270	11-2-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**0.067**	0.043	EPA 8270	11-2-09	11-4-09	
Dibenz[a,h]anthracene	**ND**	0.043	EPA 8270	11-2-09	11-4-09	
Benzo[g,h,i]perylene	**0.085**	0.043	EPA 8270	11-2-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*19 - 97*				
Phenol-d6	*81*	*22 - 108*				
Nitrobenzene-d5	*88*	*21 - 106*				
2-Fluorobiphenyl	*86*	*29 - 107*				
2,4,6-Tribromophenol	*85*	*44 - 121*				
Terphenyl-d14	*86*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-S Wall-1009**					
Laboratory ID:	10-228-02					
N-Nitrosodimethylamine	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Pyridine	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Phenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Aniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Chlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Benzyl alcohol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Hexachloroethane	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Nitrobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Isophorone	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Nitrophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,4-Dimethylphenol	**0.13**	0.041	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Naphthalene	**0.033**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
4-Chloroaniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Hexachlorobutadiene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Methylnaphthalene	**0.016**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
1-Methylnaphthalene	**0.0098**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Chloronaphthalene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2-Nitroaniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Dimethylphthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Acenaphthylene	**ND**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
3-Nitroaniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-S Wall-1009**					
Laboratory ID:	10-228-02					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	11-2-09	11-4-09	
Acenaphthene	**0.051**	0.041	EPA 8270	11-2-09	11-4-09	
4-Nitrophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Dibenzofuran	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Diethylphthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
4-Nitroaniline	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Fluorene	**0.045**	0.041	EPA 8270	11-2-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	11-2-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Hexachlorobenzene	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	11-2-09	11-4-09	
Phenanthrene	**0.20**	0.041	EPA 8270	11-2-09	11-4-09	
Anthracene	**0.064**	0.041	EPA 8270	11-2-09	11-4-09	
Carbazole	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Di-n-butylphthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Fluoranthene	**0.16**	0.041	EPA 8270	11-2-09	11-4-09	
Benzidine	**ND**	0.41	EPA 8270	11-2-09	11-4-09	
Pyrene	**0.13**	0.041	EPA 8270	11-2-09	11-4-09	
Butylbenzylphthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.41	EPA 8270	11-2-09	11-4-09	
Benzo[a]anthracene	**0.046**	0.041	EPA 8270	11-2-09	11-4-09	
Chrysene	**0.058**	0.041	EPA 8270	11-2-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Di-n-octylphthalate	**ND**	0.041	EPA 8270	11-2-09	11-4-09	
Benzo[b]fluoranthene	**0.062**	0.041	EPA 8270	11-2-09	11-4-09	
Benzo[k]fluoranthene	**0.016**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[a]pyrene	**0.042**	0.041	EPA 8270	11-2-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**0.028**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
Dibenz[a,h]anthracene	**0.010**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[g,h,i]perylene	**0.034**	0.0081	EPA 8270/SIM	11-2-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*19 - 97*				
Phenol-d6	*60*	*22 - 108*				
Nitrobenzene-d5	*58*	*21 - 106*				
2-Fluorobiphenyl	*62*	*29 - 107*				
2,4,6-Tribromophenol	*64*	*44 - 121*				
Terphenyl-d14	*66*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank2-B-1009**					
Laboratory ID:	10-228-04					
N-Nitrosodimethylamine	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Pyridine	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Phenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Aniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Chlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Benzyl alcohol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Hexachloroethane	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Nitrobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Isophorone	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Nitrophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Naphthalene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
4-Chloroaniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Hexachlorobutadiene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
1-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Chloronaphthalene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2-Nitroaniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Dimethylphthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Acenaphthylene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
3-Nitroaniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank2-B-1009**					
Laboratory ID:	10-228-04					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	11-2-09	11-4-09	
Acenaphthene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
4-Nitrophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Dibenzofuran	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Diethylphthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
4-Nitroaniline	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Fluorene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	11-2-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Hexachlorobenzene	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Pentachlorophenol	**ND**	0.21	EPA 8270	11-2-09	11-4-09	
Phenanthrene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Anthracene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Carbazole	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Di-n-butylphthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Fluoranthene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Benzidine	**ND**	0.42	EPA 8270	11-2-09	11-4-09	
Pyrene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Butylbenzylphthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.42	EPA 8270	11-2-09	11-4-09	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Chrysene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Di-n-octylphthalate	**ND**	0.042	EPA 8270	11-2-09	11-4-09	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[k]fluoranthene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[g,h,i]perylene	**ND**	0.0083	EPA 8270/SIM	11-2-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*71*	*19 - 97*				
Phenol-d6	*73*	*22 - 108*				
Nitrobenzene-d5	*70*	*21 - 106*				
2-Fluorobiphenyl	*72*	*29 - 107*				
2,4,6-Tribromophenol	*69*	*44 - 121*				
Terphenyl-d14	*70*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	MB1102S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Pyridine	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Phenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Aniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Isophorone	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1102S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-2-09	11-3-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-2-09	11-3-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-2-09	11-3-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Carbazole	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Benzidine	**ND**	0.33	EPA 8270	11-2-09	11-3-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-2-09	11-3-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-2-09	11-3-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-2-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*19 - 97*				
Phenol-d6	*74*	*22 - 108*				
Nitrobenzene-d5	*72*	*21 - 106*				
2-Fluorobiphenyl	*81*	*29 - 107*				
2,4,6-Tribromophenol	*81*	*44 - 121*				
Terphenyl-d14	*84*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-228-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.14**	**1.17**	1.33	1.33	ND	86	88	38 - 97	3	30	
2-Chlorophenol	**1.11**	**1.13**	1.33	1.33	ND	83	85	28 - 102	2	38	
1,4-Dichlorobenzene	**0.498**	**0.516**	0.667	0.667	ND	75	77	14 - 84	4	41	
N-Nitroso-di-n-propylamine	**0.606**	**0.633**	0.667	0.667	ND	91	95	25 - 104	4	39	
1,2,4-Trichlorobenzene	**0.507**	**0.525**	0.667	0.667	ND	76	79	23 - 93	3	37	
4-Chloro-3-methylphenol	**1.18**	**1.26**	1.33	1.33	ND	89	95	49 - 113	7	31	
Acenaphthene	**0.959**	**1.14**	0.667	0.667	0.530	64	91	37 - 101	17	40	
4-Nitrophenol	**1.15**	**1.30**	1.33	1.33	ND	86	98	30 - 136	12	31	
2,4-Dinitrotoluene	**0.545**	**0.599**	0.667	0.667	ND	82	90	36 - 122	9	32	
Pentachlorophenol	**0.974**	**1.06**	1.33	1.33	ND	73	80	15 - 143	8	34	
Pyrene	**0.637**	**0.678**	0.667	0.667	0.0727	85	91	24 - 138	6	39	
Surrogate:											
2-Fluorophenol						*69*	*72*	*19 - 97*			
Phenol-d6						*73*	*75*	*22 - 108*			
Nitrobenzene-d5						*74*	*78*	*21 - 106*			
2-Fluorobiphenyl						*77*	*81*	*29 - 107*			
2,4,6-Tribromophenol						*76*	*83*	*44 - 121*			
Terphenyl-d14						*77*	*83*	*37 - 120*			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	**Contain-GW-1009**					
Laboratory ID:	10-228-03					
N-Nitrosodimethylamine	**ND**	20	EPA 8270	10-30-09	11-3-09	
Pyridine	**ND**	200	EPA 8270	10-30-09	11-3-09	
Phenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
Aniline	**ND**	100	EPA 8270	10-30-09	11-3-09	
bis(2-Chloroethyl)ether	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Chlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,3-Dichlorobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,4-Dichlorobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Benzyl alcohol	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,2-Dichlorobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Methylphenol (o-Cresol)	**ND**	20	EPA 8270	10-30-09	11-3-09	
bis(2-Chloroisopropyl)ether	**ND**	20	EPA 8270	10-30-09	11-3-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	20	EPA 8270	10-30-09	11-3-09	
N-Nitroso-di-n-propylamine	**ND**	20	EPA 8270	10-30-09	11-3-09	
Hexachloroethane	**ND**	20	EPA 8270	10-30-09	11-3-09	
Nitrobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Isophorone	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Nitrophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,4-Dimethylphenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
bis(2-Chloroethoxy)methane	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,4-Dichlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,2,4-Trichlorobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Naphthalene	**670**	20	EPA 8270	10-30-09	11-3-09	
4-Chloroaniline	**ND**	200	EPA 8270	10-30-09	11-3-09	
Hexachlorobutadiene	**ND**	20	EPA 8270	10-30-09	11-3-09	
4-Chloro-3-methylphenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Methylnaphthalene	**95**	20	EPA 8270	10-30-09	11-3-09	
1-Methylnaphthalene	**44**	20	EPA 8270	10-30-09	11-3-09	
Hexachlorocyclopentadiene	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,4,6-Trichlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,3-Dichloroaniline	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,4,5-Trichlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Chloronaphthalene	**ND**	20	EPA 8270	10-30-09	11-3-09	
2-Nitroaniline	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,4-Dinitrobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Dimethylphthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,3-Dinitrobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,6-Dinitrotoluene	**ND**	20	EPA 8270	10-30-09	11-3-09	
1,2-Dinitrobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Acenaphthylene	**ND**	20	EPA 8270	10-30-09	11-3-09	
3-Nitroaniline	**ND**	20	EPA 8270	10-30-09	11-3-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Contain-GW-1009**					
Laboratory ID:	10-228-03					
2,4-Dinitrophenol	**ND**	200	EPA 8270	10-30-09	11-3-09	
Acenaphthene	**180**	20	EPA 8270	10-30-09	11-3-09	
4-Nitrophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,4-Dinitrotoluene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Dibenzofuran	**110**	20	EPA 8270	10-30-09	11-3-09	
2,3,5,6-Tetrachlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
2,3,4,6-Tetrachlorophenol	**ND**	20	EPA 8270	10-30-09	11-3-09	
Diethylphthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
4-Chlorophenyl-phenylether	**ND**	20	EPA 8270	10-30-09	11-3-09	
4-Nitroaniline	**ND**	20	EPA 8270	10-30-09	11-3-09	
Fluorene	**180**	20	EPA 8270	10-30-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	100	EPA 8270	10-30-09	11-3-09	
N-Nitrosodiphenylamine	**ND**	200	EPA 8270	10-30-09	11-3-09	
1,2-Diphenylhydrazine	**ND**	20	EPA 8270	10-30-09	11-3-09	
4-Bromophenyl-phenylether	**ND**	20	EPA 8270	10-30-09	11-3-09	
Hexachlorobenzene	**ND**	20	EPA 8270	10-30-09	11-3-09	
Pentachlorophenol	**ND**	100	EPA 8270	10-30-09	11-3-09	
Phenanthrene	**830**	20	EPA 8270	10-30-09	11-3-09	
Anthracene	**310**	20	EPA 8270	10-30-09	11-3-09	
Carbazole	**91**	20	EPA 8270	10-30-09	11-3-09	
Di-n-butylphthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
Fluoranthene	**530**	20	EPA 8270	10-30-09	11-3-09	
Benzidine	**ND**	200	EPA 8270	10-30-09	11-3-09	
Pyrene	**430**	20	EPA 8270	10-30-09	11-3-09	
Butylbenzylphthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
bis-2-Ethylhexyladipate	**ND**	20	EPA 8270	10-30-09	11-3-09	
3,3'-Dichlorobenzidine	**ND**	200	EPA 8270	10-30-09	11-3-09	
Benzo[a]anthracene	**150**	20	EPA 8270	10-30-09	11-3-09	
Chrysene	**180**	20	EPA 8270	10-30-09	11-3-09	
bis(2-Ethylhexyl)phthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
Di-n-octylphthalate	**ND**	20	EPA 8270	10-30-09	11-3-09	
Benzo[b]fluoranthene	**160**	20	EPA 8270	10-30-09	11-3-09	
Benzo[k]fluoranthene	**46**	20	EPA 8270	10-30-09	11-3-09	
Benzo[a]pyrene	**120**	20	EPA 8270	10-30-09	11-3-09	
Indeno[1,2,3-cd]pyrene	**72**	20	EPA 8270	10-30-09	11-3-09	
Dibenz[a,h]anthracene	**21**	20	EPA 8270	10-30-09	11-3-09	
Benzo[g,h,i]perylene	**72**	20	EPA 8270	10-30-09	11-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*18*	*12 - 91*				
Phenol-d6	*41*	*10 - 102*				
Nitrobenzene-d5	*92*	*27 - 115*				
2-Fluorobiphenyl	*77*	*37 - 111*				
2,4,6-Tribromophenol	*77*	*48 - 121*				
Terphenyl-d14	*71*	*47 - 116*				

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	MB1030W1					
N-Nitrosodimethylamine	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Pyridine	**ND**	10	EPA 8270	11-30-09	11-2-09	
Phenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Aniline	**ND**	5.0	EPA 8270	11-30-09	11-2-09	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Chlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Benzyl alcohol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
N-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Hexachloroethane	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Nitrobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Isophorone	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Nitrophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Naphthalene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
4-Chloroaniline	**ND**	10	EPA 8270	11-30-09	11-2-09	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2-Nitroaniline	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Dimethylphthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
3-Nitroaniline	**ND**	1.0	EPA 8270	11-30-09	11-2-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1030W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	11-30-09	11-2-09	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
4-Nitrophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Dibenzofuran	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Diethylphthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
4-Nitroaniline	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Fluorene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	11-30-09	11-2-09	
N-Nitrosodiphenylamine	**ND**	10	EPA 8270	11-30-09	11-2-09	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Hexachlorobenzene	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Pentachlorophenol	**ND**	5.0	EPA 8270	11-30-09	11-2-09	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
Anthracene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
Carbazole	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
Benzidine	**ND**	10	EPA 8270	11-30-09	11-2-09	
Pyrene	**ND**	0.10	EPA 8270/SIM	11-30-09	11-3-09	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	11-30-09	11-2-09	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	11-30-09	11-2-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	11-30-09	11-3-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*59*	*12 - 91*				
Phenol-d6	*44*	*10 - 102*				
Nitrobenzene-d5	*87*	*27 - 115*				
2-Fluorobiphenyl	*81*	*37 - 111*				
2,4,6-Tribromophenol	*72*	*48 - 121*				
Terphenyl-d14	*95*	*47 - 116*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	SB1030W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**20.7**	**21.8**	40.0	40.0	52	55	17 - 69	5	34	
2-Chlorophenol	**32.7**	**34.0**	40.0	40.0	82	85	36 - 104	4	36	
1,4-Dichlorobenzene	**14.9**	**15.8**	20.0	20.0	75	79	29 - 90	6	34	
N-Nitroso-di-n-propylamine	**18.5**	**20.1**	20.0	20.0	93	101	34 - 101	8	38	
1,2,4-Trichlorobenzene	**15.7**	**16.7**	20.0	20.0	79	84	30 - 97	6	42	
4-Chloro-3-methylphenol	**37.9**	**41.0**	40.0	40.0	95	103	56 - 106	8	26	
Acenaphthene	**16.8**	**18.1**	20.0	20.0	84	91	46 - 94	7	34	
4-Nitrophenol	**19.0**	**21.6**	40.0	40.0	48	54	17 - 100	13	38	
2,4-Dinitrotoluene	**17.6**	**19.2**	20.0	20.0	88	96	50 - 121	9	18	
Pentachlorophenol	**22.5**	**25.4**	40.0	40.0	56	64	37 - 132	12	32	
Pyrene	**19.5**	**20.9**	20.0	20.0	98	105	65 - 108	7	18	
Surrogate:										
2-Fluorophenol					*57*	*60*	*12 - 91*			
Phenol-d6					*43*	*45*	*10 - 102*			
Nitrobenzene-d5					*83*	*86*	*27 - 115*			
2-Fluorobiphenyl					*79*	*85*	*37 - 111*			
2,4,6-Tribromophenol					*68*	*73*	*48 - 121*			
Terphenyl-d14					*86*	*94*	*47 - 116*			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-E Wall-1009**					
Laboratory ID:	10-228-06					
N-Nitrosodimethylamine	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Pyridine	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Phenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Aniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Chlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Benzyl alcohol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Hexachloroethane	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Nitrobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Isophorone	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Nitrophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Naphthalene	**0.079**	0.040	EPA 8270	11-3-09	11-4-09	
4-Chloroaniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Methylnaphthalene	**0.15**	0.040	EPA 8270	11-3-09	11-4-09	
1-Methylnaphthalene	**0.081**	0.040	EPA 8270	11-3-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2-Nitroaniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Dimethylphthalate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Acenaphthylene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
3-Nitroaniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-E Wall-1009**					
Laboratory ID:	10-228-06					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	11-3-09	11-4-09	
Acenaphthene	**0.58**	0.040	EPA 8270	11-3-09	11-4-09	
4-Nitrophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Dibenzofuran	**0.29**	0.040	EPA 8270	11-3-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Diethylphthalate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
4-Nitroaniline	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Fluorene	**0.46**	0.040	EPA 8270	11-3-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	11-3-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Hexachlorobenzene	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Pentachlorophenol	**ND**	0.20	EPA 8270	11-3-09	11-4-09	
Phenanthrene	**2.0**	0.040	EPA 8270	11-3-09	11-4-09	
Anthracene	**0.49**	0.040	EPA 8270	11-3-09	11-4-09	
Carbazole	**0.22**	0.040	EPA 8270	11-3-09	11-4-09	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Fluoranthene	**1.2**	0.040	EPA 8270	11-3-09	11-4-09	
Benzidine	**ND**	0.40	EPA 8270	11-3-09	11-4-09	
Pyrene	**0.95**	0.040	EPA 8270	11-3-09	11-4-09	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	11-3-09	11-4-09	
Benzo[a]anthracene	**0.32**	0.040	EPA 8270	11-3-09	11-4-09	
Chrysene	**0.35**	0.040	EPA 8270	11-3-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**0.17**	0.040	EPA 8270	11-3-09	11-4-09	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	11-3-09	11-4-09	
Benzo[b]fluoranthene	**0.38**	0.040	EPA 8270	11-3-09	11-4-09	
Benzo[k]fluoranthene	**0.14**	0.040	EPA 8270	11-3-09	11-4-09	
Benzo[a]pyrene	**0.30**	0.040	EPA 8270	11-3-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**0.22**	0.040	EPA 8270	11-3-09	11-4-09	
Dibenz[a,h]anthracene	**0.060**	0.040	EPA 8270	11-3-09	11-4-09	
Benzo[g,h,i]perylene	**0.23**	0.040	EPA 8270	11-3-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*56*	*19 - 97*				
Phenol-d6	*65*	*22 - 108*				
Nitrobenzene-d5	*71*	*21 - 106*				
2-Fluorobiphenyl	*75*	*29 - 107*				
2,4,6-Tribromophenol	*75*	*44 - 121*				
Terphenyl-d14	*74*	*37 - 120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-W Wall-1009**					
Laboratory ID:	10-228-07					
N-Nitrosodimethylamine	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Pyridine	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Phenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Aniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Chlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Benzyl alcohol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Hexachloroethane	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Nitrobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Isophorone	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Nitrophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Naphthalene	**0.12**	0.039	EPA 8270	11-3-09	11-4-09	
4-Chloroaniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Methylnaphthalene	**0.28**	0.039	EPA 8270	11-3-09	11-4-09	
1-Methylnaphthalene	**0.15**	0.039	EPA 8270	11-3-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2-Nitroaniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Dimethylphthalate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Acenaphthylene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
3-Nitroaniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Containment-W Wall-1009**					
Laboratory ID:	10-228-07					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	11-3-09	11-4-09	
Acenaphthene	**0.83**	0.039	EPA 8270	11-3-09	11-4-09	
4-Nitrophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Dibenzofuran	**0.41**	0.039	EPA 8270	11-3-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Diethylphthalate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
4-Nitroaniline	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Fluorene	**0.62**	0.039	EPA 8270	11-3-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	11-3-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Hexachlorobenzene	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Pentachlorophenol	**ND**	0.19	EPA 8270	11-3-09	11-4-09	
Phenanthrene	**2.9**	0.19	EPA 8270	11-3-09	11-4-09	
Anthracene	**0.95**	0.039	EPA 8270	11-3-09	11-4-09	
Carbazole	**0.32**	0.039	EPA 8270	11-3-09	11-4-09	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Fluoranthene	**2.2**	0.039	EPA 8270	11-3-09	11-4-09	
Benzidine	**ND**	0.39	EPA 8270	11-3-09	11-4-09	
Pyrene	**1.8**	0.039	EPA 8270	11-3-09	11-4-09	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	11-3-09	11-4-09	
Benzo[a]anthracene	**0.67**	0.039	EPA 8270	11-3-09	11-4-09	
Chrysene	**0.76**	0.039	EPA 8270	11-3-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**0.099**	0.039	EPA 8270	11-3-09	11-4-09	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	11-3-09	11-4-09	
Benzo[b]fluoranthene	**0.82**	0.039	EPA 8270	11-3-09	11-4-09	
Benzo[k]fluoranthene	**0.29**	0.039	EPA 8270	11-3-09	11-4-09	
Benzo[a]pyrene	**0.68**	0.039	EPA 8270	11-3-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**0.46**	0.039	EPA 8270	11-3-09	11-4-09	
Dibenz[a,h]anthracene	**0.13**	0.039	EPA 8270	11-3-09	11-4-09	
Benzo[g,h,i]perylene	**0.51**	0.039	EPA 8270	11-3-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*56*	*19 - 97*				
Phenol-d6	*68*	*22 - 108*				
Nitrobenzene-d5	*73*	*21 - 106*				
2-Fluorobiphenyl	*77*	*29 - 107*				
2,4,6-Tribromophenol	*78*	*44 - 121*				
Terphenyl-d14	*81*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-1-1009**					
Laboratory ID:	10-228-08					
N-Nitrosodimethylamine	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Pyridine	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Phenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Aniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Chlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Benzyl alcohol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Hexachloroethane	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Nitrobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Isophorone	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Nitrophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Naphthalene	**0.012**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
4-Chloroaniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Hexachlorobutadiene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Methylnaphthalene	**0.011**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
1-Methylnaphthalene	**0.013**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Chloronaphthalene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2-Nitroaniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Dimethylphthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Acenaphthylene	**ND**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
3-Nitroaniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Pipe-1-1009**					
Laboratory ID:	10-228-08					
2,4-Dinitrophenol	**ND**	0.29	EPA 8270	11-3-09	11-4-09	
Acenaphthene	**ND**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
4-Nitrophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Dibenzofuran	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Diethylphthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
4-Nitroaniline	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Fluorene	**ND**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.29	EPA 8270	11-3-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Hexachlorobenzene	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Pentachlorophenol	**ND**	0.29	EPA 8270	11-3-09	11-4-09	
Phenanthrene	**0.037**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Anthracene	**ND**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Carbazole	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Di-n-butylphthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Fluoranthene	**0.045**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Benzidine	**ND**	0.57	EPA 8270	11-3-09	11-4-09	
Pyrene	**0.049**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Butylbenzylphthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.57	EPA 8270	11-3-09	11-4-09	
Benzo[a]anthracene	**0.017**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Chrysene	**0.023**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Di-n-octylphthalate	**ND**	0.057	EPA 8270	11-3-09	11-4-09	
Benzo[b]fluoranthene	**0.037**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[k]fluoranthene	**0.013**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[a]pyrene	**0.025**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**0.024**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[g,h,i]perylene	**0.031**	0.011	EPA 8270/SIM	11-3-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*19 - 97*				
Phenol-d6	*67*	*22 - 108*				
Nitrobenzene-d5	*67*	*21 - 106*				
2-Fluorobiphenyl	*70*	*29 - 107*				
2,4,6-Tribromophenol	*70*	*44 - 121*				
Terphenyl-d14	*71*	*37 - 120*				

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Samples Submitted: October 28, 2009
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Project: 14697

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:	MB1103S1					
N-Nitrosodimethylamine	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Pyridine	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Phenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Aniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Chlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Benzyl alcohol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
N-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Hexachloroethane	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Nitrobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Isophorone	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Nitrophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
4-Chloroaniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2-Nitroaniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Dimethylphthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
3-Nitroaniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1103S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	11-3-09	11-4-09	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
4-Nitrophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Dibenzofuran	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Diethylphthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
4-Nitroaniline	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Fluorene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	11-3-09	11-4-09	
N-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Hexachlorobenzene	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Pentachlorophenol	**ND**	0.17	EPA 8270	11-3-09	11-4-09	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Anthracene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Carbazole	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Benzidine	**ND**	0.33	EPA 8270	11-3-09	11-4-09	
Pyrene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	11-3-09	11-4-09	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Chrysene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	11-3-09	11-4-09	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	11-3-09	11-4-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*19 - 97*				
Phenol-d6	*77*	*22 - 108*				
Nitrobenzene-d5	*79*	*21 - 106*				
2-Fluorobiphenyl	*82*	*29 - 107*				
2,4,6-Tribromophenol	*72*	*44 - 121*				
Terphenyl-d14	*85*	*37 - 120*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-228-06										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.07**	**1.13**	1.33	1.33	ND	80	85	38 - 97	5	30	
2-Chlorophenol	**0.965**	**1.02**	1.33	1.33	ND	73	77	28 - 102	6	38	
1,4-Dichlorobenzene	**0.391**	**0.440**	0.667	0.667	ND	59	66	14 - 84	12	41	
N-Nitroso-di-n-propylamine	**0.562**	**0.589**	0.667	0.667	ND	84	88	25 - 104	5	39	
1,2,4-Trichlorobenzene	**0.450**	**0.481**	0.667	0.667	ND	67	72	23 - 93	7	37	
4-Chloro-3-methylphenol	**1.16**	**1.19**	1.33	1.33	ND	87	89	49 - 113	3	31	
Acenaphthene	**0.956**	**0.989**	0.667	0.667	0.484	71	76	37 - 101	3	40	
4-Nitrophenol	**1.04**	**1.16**	1.33	1.33	ND	78	87	30 - 136	11	31	
2,4-Dinitrotoluene	**0.501**	**0.515**	0.667	0.667	ND	75	77	36 - 122	3	32	
Pentachlorophenol	**0.823**	**0.873**	1.33	1.33	ND	62	66	15 - 143	6	34	
Pyrene	**1.26**	**1.25**	0.667	0.667	0.797	69	68	24 - 138	1	39	
Surrogate:											
2-Fluorophenol						*63*	*70*	*19 - 97*			
Phenol-d6						*71*	*74*	*22 - 108*			
Nitrobenzene-d5						*74*	*79*	*21 - 106*			
2-Fluorobiphenyl						*77*	*80*	*29 - 107*			
2,4,6-Tribromophenol						*77*	*78*	*44 - 121*			
Terphenyl-d14						*78*	*77*	*37 - 120*			

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Laboratory Reference: 0910-228
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PCS-2**					
Laboratory ID:	10-228-10					
Aroclor 1016	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.056	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*33-122*				

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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:	MB1030S1					
Aroclor 1016	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1221	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1232	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1242	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1248	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1254	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Aroclor 1260	**ND**	0.050	EPA 8082	10-30-09	10-30-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*33-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-237-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.480**	**0.458**	0.500	0.500	ND	**96**	**92**	24-125	5	18	
Surrogate:											
DCB						*94*	*95*	*33-122*			

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-10					
Client ID:	**PCS-2**					
Arsenic	**ND**	11	6010B	10-30-09	10-30-09	
Barium	**33**	2.8	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.56	6010B	10-30-09	10-30-09	
Chromium	**18**	0.56	6010B	10-30-09	10-30-09	
Lead	**7.4**	5.6	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.28	7471A	10-30-09	10-30-09	
Selenium	**ND**	11	6010B	10-30-09	10-30-09	
Silver	**ND**	0.56	6010B	10-30-09	10-30-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1&MB1030S3

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

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**16.7**	**17.0**	2	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.21**	**6.56**	9	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	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.8**	95	**92.7**	93	2	
Barium	100	**107**	91	**105**	88	3	
Cadmium	50	**50.1**	100	**48.3**	97	4	
Chromium	100	**108**	101	**104**	97	3	
Lead	250	**244**	98	**235**	94	4	
Mercury	0.50	**0.457**	91	**0.470**	94	3	
Selenium	100	**96.3**	96	**95.7**	96	1	
Silver	25	**24.8**	99	**23.3**	93	6	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-01					
Client ID:	**Tank1-B-1009**					
Arsenic	**ND**	13	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.65	6010B	10-30-09	10-30-09	
Chromium	**9.5**	0.65	6010B	10-30-09	10-30-09	
Copper	**8.9**	1.3	6010B	10-30-09	10-30-09	
Lead	**ND**	6.5	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.32	7471A	10-30-09	10-30-09	
Nickel	**11**	3.2	6010B	10-30-09	10-30-09	
Zinc	**21**	3.2	6010B	10-30-09	10-30-09	
Lab ID:	10-228-02					
Client ID:	**Containment-SWall-1009**					
Arsenic	**ND**	12	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.61	6010B	10-30-09	10-30-09	
Chromium	**24**	0.61	6010B	10-30-09	10-30-09	
Copper	**11**	1.2	6010B	10-30-09	10-30-09	
Lead	**ND**	6.1	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.30	7471A	10-30-09	10-30-09	
Nickel	**27**	3.0	6010B	10-30-09	10-30-09	
Zinc	**26**	3.0	6010B	10-30-09	10-30-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
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Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-04					
Client ID:	**Tank2-B-1009**					
Arsenic	**ND**	12	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.62	6010B	10-30-09	10-30-09	
Chromium	**8.9**	0.62	6010B	10-30-09	10-30-09	
Copper	**9.5**	1.2	6010B	10-30-09	10-30-09	
Lead	**ND**	6.2	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.31	7471A	10-30-09	10-30-09	
Nickel	**11**	3.1	6010B	10-30-09	10-30-09	
Zinc	**23**	3.1	6010B	10-30-09	10-30-09	
Lab ID:	10-228-05					
Client ID:	**Containment-NWall-1009**					
Arsenic	**ND**	13	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.63	6010B	10-30-09	10-30-09	
Chromium	**7.2**	0.63	6010B	10-30-09	10-30-09	
Copper	**7.0**	1.3	6010B	10-30-09	10-30-09	
Lead	**ND**	6.3	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.31	7471A	10-30-09	10-30-09	
Nickel	**4.1**	3.1	6010B	10-30-09	10-30-09	
Zinc	**17**	3.1	6010B	10-30-09	10-30-09	

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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:	10-228-09					
Client ID:	**Stockpile-C1**					
Arsenic	**ND**	11	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.55	6010B	10-30-09	10-30-09	
Chromium	**12**	0.55	6010B	10-30-09	10-30-09	
Copper	**14**	1.1	6010B	10-30-09	10-30-09	
Lead	**14**	5.5	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.28	7471A	10-30-09	10-30-09	
Nickel	**12**	2.8	6010B	10-30-09	10-30-09	
Zinc	**59**	2.8	6010B	10-30-09	10-30-09	
Lab ID:	10-228-11					
Client ID:	**Stockpile-C2**					
Arsenic	**ND**	11	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.55	6010B	10-30-09	10-30-09	
Chromium	**16**	0.55	6010B	10-30-09	10-30-09	
Copper	**17**	1.1	6010B	10-30-09	10-30-09	
Lead	**9.8**	5.5	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.28	7471A	10-30-09	10-30-09	
Nickel	**19**	2.8	6010B	10-30-09	10-30-09	
Zinc	**120**	2.8	6010B	10-30-09	10-30-09	

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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:	10-228-12					
Client ID:	**Stockpile-C3**					
Arsenic	**ND**	11	6010B	10-30-09	10-30-09	
Cadmium	**ND**	0.55	6010B	10-30-09	10-30-09	
Chromium	**13**	0.55	6010B	10-30-09	10-30-09	
Copper	**17**	1.1	6010B	10-30-09	10-30-09	
Lead	**14**	5.5	6010B	10-30-09	10-30-09	
Mercury	**ND**	0.28	7471A	10-30-09	10-30-09	
Nickel	**14**	2.8	6010B	10-30-09	10-30-09	
Zinc	**47**	2.8	6010B	10-30-09	10-30-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
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Project: 14697

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

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1030S1&MB1030S3

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: November 11, 2009
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TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.30**	**6.60**	10	0.50	
Copper	**6.85**	**7.45**	8	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**8.45**	**8.15**	4	2.5	
Zinc	**16.2**	**14.5**	11	2.5	

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

Date Extracted: 10-30-09
Date Analyzed: 10-30-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-228-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.8**	95	**92.7**	93	2	
Cadmium	50	**50.2**	100	**48.4**	97	4	
Chromium	100	**108**	101	**104**	96	5	
Copper	50	**59.3**	105	**57.5**	101	3	
Lead	250	**244**	98	**235**	94	4	
Mercury	0.50	**0.461**	92	**0.475**	95	3	
Nickel	100	**111**	102	**106**	98	4	
Zinc	100	**116**	100	**114**	98	2	

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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:	10-228-03					
Client ID:	**Contain-GW-1009**					
Arsenic	**58**	3.3	200.8	10-31-09	10-31-09	
Cadmium	**ND**	4.4	200.8	10-31-09	10-31-09	
Chromium	**110**	110	200.8	10-31-09	11-2-09	
Copper	**310**	11	200.8	10-31-09	10-31-09	
Lead	**500**	1.1	200.8	10-31-09	10-31-09	
Mercury	**0.88**	0.50	7470A	11-4-09	11-4-09	
Nickel	**120**	22	200.8	10-31-09	10-31-09	
Zinc	**2000**	280	200.8	10-31-09	11-2-09	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 10-31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1031W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Nickel	200.8	**ND**	22
Zinc	200.8	**ND**	28

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	11-4-09
Date Analyzed:	11-4-09
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1104W1

Analyte	Method	Result	PQL
Mercury	7470A	**ND**	0.50

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 10-31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**12.3**	**12.9**	5	3.3	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**30.1**	**35.8**	17	11	
Copper	**110**	**115**	4	11	
Lead	**14.2**	**14.7**	4	1.1	
Nickel	**26.2**	**28.6**	9	22	
Zinc	**117**	**112**	5	28	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-4-09
Date Analyzed: 11-4-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 11-012-20

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.50	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 10-31-09
Date Analyzed: 10-31-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-185-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**121**	99	**124**	101	3	
Cadmium	110	**111**	101	**110**	100	1	
Chromium	110	**122**	84	**122**	84	0	
Copper	110	**209**	89	**215**	95	3	
Lead	110	**121**	97	**124**	99	2	
Nickel	110	**124**	89	**131**	95	6	
Zinc	110	**216**	90	**226**	99	5	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 7470A
MS/MSD QUALITY CONTROL

Date Extracted: 11-4-09
Date Analyzed: 11-4-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 11-012-20

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	**11.8**	94	**11.8**	94	0	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-06					
Client ID:	**Containment-EWall-1009**					
Arsenic	**ND**	12	6010B	11-3-09	11-5-09	
Cadmium	**ND**	0.59	6010B	11-3-09	11-5-09	
Chromium	**21**	0.59	6010B	11-3-09	11-5-09	
Copper	**13**	1.2	6010B	11-3-09	11-5-09	
Lead	**ND**	5.9	6010B	11-3-09	11-5-09	
Mercury	**ND**	0.30	7471A	11-4-09	11-4-09	
Nickel	**25**	3.0	6010B	11-3-09	11-5-09	
Zinc	**31**	3.0	6010B	11-3-09	11-5-09	
Lab ID:	10-228-07					
Client ID:	**Containment-WWall-1009**					
Arsenic	**ND**	12	6010B	11-3-09	11-5-09	
Cadmium	**ND**	0.58	6010B	11-3-09	11-5-09	
Chromium	**12**	0.58	6010B	11-3-09	11-5-09	
Copper	**20**	1.2	6010B	11-3-09	11-5-09	
Lead	**34**	5.8	6010B	11-3-09	11-5-09	
Mercury	**ND**	0.29	7471A	11-4-09	11-4-09	
Nickel	**12**	2.9	6010B	11-3-09	11-5-09	
Zinc	**55**	2.9	6010B	11-3-09	11-5-09	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-08					
Client ID:	**Pipe-1-1009**					
Arsenic	**ND**	17	6010B	11-3-09	11-5-09	
Cadmium	**ND**	0.87	6010B	11-3-09	11-5-09	
Chromium	**26**	0.87	6010B	11-3-09	11-5-09	
Copper	**39**	1.7	6010B	11-3-09	11-5-09	
Lead	**21**	8.7	6010B	11-3-09	11-5-09	
Mercury	**ND**	0.44	7471A	11-4-09	11-4-09	
Nickel	**25**	4.4	6010B	11-3-09	11-5-09	
Zinc	**100**	4.4	6010B	11-3-09	11-5-09	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S3&MB1104S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**7.85**	**7.25**	8	0.50	
Copper	**7.10**	**6.90**	3	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**6.95**	**5.50**	23	2.5	C
Zinc	**16.1**	**15.2**	5	2.5	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

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

Date Extracted: 11-3&4-09
Date Analyzed: 11-3&4-09

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-238-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**99.7**	100	**98.1**	98	2	
Cadmium	50	**47.4**	95	**47.2**	94	1	
Chromium	100	**104**	97	**105**	97	0	
Copper	50	**59.2**	104	**60.8**	107	3	
Lead	250	**216**	87	**219**	88	1	
Mercury	0.50	**0.520**	104	**0.515**	103	1	
Nickel	100	**103**	97	**104**	97	1	
Zinc	100	**112**	96	**113**	97	0	

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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP CHROMIUM
EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-10					
Client ID:	**PCS-2**					
Chromium	**ND**	0.020	6010B	11-5-09	11-5-09	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP CHROMIUM
EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	11-4-09
Date Extracted:	11-5-09
Date Analyzed:	11-5-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1105T1

Analyte	Method	Result	PQL
Chromium	6010B	**ND**	0.020

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP CHROMIUM
EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 11-4-09
Date Extracted: 11-5-09
Date Analyzed: 11-5-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-032-25

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Chromium	**ND**	**ND**	NA	0.020	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP CHROMIUM
EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 11-4-09
Date Extracted: 11-5-09
Date Analyzed: 11-5-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 11-032-25

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Chromium	4.0	**4.17**	104	**4.03**	101	4	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP LEAD
by EPA 1311/6010B

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-228-07					
Client ID:	**Containment-WWall-1009**					
Lead	**ND**	0.20	6010B	11-10-09	11-10-09	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP LEAD
by EPA 1311/6010B
METHOD BLANK QUALITY CONTROL

Date Prepared:	11-9-09
Date Extracted:	11-10-09
Date Analyzed:	11-10-09
Matrix:	TCLP Extract
Units:	mg/L (ppm)
Lab ID:	MB1110T1

Analyte	Method	Result	PQL
Lead	6010B	**ND**	0.20

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP LEAD
by EPA 1311/6010B
DUPLICATE QUALITY CONTROL

Date Prepared: 11-9-09
Date Extracted: 11-10-09
Date Analyzed: 11-10-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-228-07

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**ND**	**ND**	NA	0.20	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

TCLP LEAD
by EPA 1311/6010B
MS/MSD QUALITY CONTROL

Date Prepared: 11-9-09
Date Extracted: 11-10-09
Date Analyzed: 11-10-09

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 10-228-07

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	10	**10.8**	108	**10.8**	108	0	

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

Date of Report: November 11, 2009
Samples Submitted: October 28, 2009
Laboratory Reference: 0910-228
Project: 14697

% MOISTURE

Date Analyzed: 10-29&11-3-09

Client ID	Lab ID	% Moisture
Tank 1-B-1009	10-228-01	23
Containment-S wall-1009	10-228-02	18
Tank 2-B-1009	10-228-04	20
Containment-N wall-1009	10-228-05	20
Containment-E wall-1009	10-228-06	16
Containment-W wall-1009	10-228-07	14
Pipe-1-1009	10-228-08	43
Stockpile-C1	10-228-09	10
PCS-2	10-228-10	12
Stockpile-C2	10-228-11	10
Stockpile-C3	10-228-12	10

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

Z1 - The sample chromatogram is similar to mineral spirits with GRO.

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

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

Chain of Custody

Page 1 of 2

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

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by:

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 10-228

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx w/ acid wash silica gel cleanup	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D/ SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8) As Cd Cr Pb Ni Hg Zn	TCLP Metals RCRA	HEM by 1664	1 Day TAT	3 Day TAT	MS/DS	TCLP Chromium	HOLD	TCLP LEAD	% Moisture
1	Tank 1- B- 1009	10/27/09	1310	S	12 (MS13)		/	/	/		/					/					/				X
2	Containment-S wall- 1009		1315	S	6		/	/	/		/					/									↓
3	Contain- GW- 1009		1420	W	10		/	/	/		/					/									
4	Tank 2- B- 1009		1455	S	6		/	/	/		/					/									X
5	Containment- N Wall- 1009		1505	S	6		/	/	/		/					/				/					↓
6	Containment- E Wall- 1009	↓	1515	S	6		X	X	X		X					X				3/NC		X NO			X
7	Containment- W Wall- 1009	10/28/09	745	S	6		X	X	X		X					X				5 NO		X NO	●		X
8	Pipe- 1- 1009		930	S	6		X	X	X		X					X						X NO			X
9	Stockpile- C1		1000	S	6		/	/	/		/					/				/					X
10	PCS-2	↓	1005	S	68		/	/	/		/		/			/ (8)	/ (15)		/			0			↓

	Signature	Company	Date	Time
Relinquished by		AMEC GMX	10/28/09	1540
Received by		Specialty	10-28-09	1540
Relinquished by		"	"	1723
Received by		OnSite Env	10/28/09	1723
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

Standard TAT unless noted
Added 11/3/09. DB. (2 day TAT)
○ Added 11/4/09. DB (1 day TAT)
● Added 11/9/09. DB (1 day TAT)

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gracy
Sampled by:

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 10-228

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/~~BTEX~~	NWTPH-Dx w/silica gel & acid wash cleanup	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	1 Day TAT	3 Day TAT				% Moisture
11	Stockpile - C2	10/28/09	1020	S	6		/	/	/		/					/				/				X
12	Stockpile - C3	10/28/09	1330	S	6		/	/	/		/					/				/				↓
13	Trip Blank	—	—	W	2				/															

	Signature	Company	Date	Time
Relinquished by		AMEC GMX	10/28/09	1540
Received by		Speedy	10-28-09	1540
Relinquished by		"	"	1723
Received by			10/28/09	1723
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions: Standard TAT unless noted

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

January 5, 2010

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0912-170

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on December 23, 2009.

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

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

Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

Case Narrative

Samples were collected on December 23, 2009, and received by the laboratory on December 23, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

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

Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-17-W-1209**					
Laboratory ID:	12-170-06					
Gasoline	**ND**	100	NWTPH-Gx	12-29-09	12-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*74-121*				
Client ID:	**KM-19-W-1209**					
Laboratory ID:	12-170-09					
Gasoline	**710**	100	NWTPH-Gx	12-29-09	12-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*74-121*				
Client ID:	**KM-20-W-1209**					
Laboratory ID:	12-170-12					
Gasoline	**ND**	400	NWTPH-Gx	12-29-09	12-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*74-121*				

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1229W2					
Gasoline	**ND**	100	NWTPH-Gx	12-29-09	12-29-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*74-121*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	12-165-01									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA	NA		NA	NA	30	
Surrogate:										
Fluorobenzene					*95*	*95*	*74-121*			

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 12-30-09
Date Analyzed: 12-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-06
Client ID: KM-17-W-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	0.27		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	0.23		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	0.77		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	11		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.37		0.20
1,1,1-Trichloroethane	0.33		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	0.28		0.20
Trichloroethene	9.0		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 12-170-06
Client ID: KM-17-W-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	85	70-123

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 12-30-09
Date Analyzed: 12-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-09
Client ID: KM-19-W-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 12-170-09
Client ID: KM-19-W-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	18		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	34		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	0.79		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	13		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	5.5		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	94	76-116
4-Bromofluorobenzene	91	70-123

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 12-30-09
Date Analyzed: 12-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-12
Client ID: KM-20-W-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.1		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 12-170-12
Client ID: KM-20-W-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	12		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	16		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	0.69		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	6.4		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	0.91		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	93	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	81	70-123

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 12-30-09
Date Analyzed: 12-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1230W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB1230W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	83	76-116
4-Bromofluorobenzene	77	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 12-30-09
Date Analyzed: 12-30-09

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-06

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	12.0	120	11.5	115	70-130	
Benzene	ND	10.0	10.8	108	11.0	110	81-125	
Trichloroethene	8.98	10.0	18.6	96	18.4	94	79-116	
Toluene	ND	10.0	9.63	96	9.57	96	88-118	
Chlorobenzene	ND	10.0	10.2	102	10.1	101	75-121	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	22	
Benzene	2	11	
Trichloroethene	1	11	
Toluene	1	14	
Chlorobenzene	0	14	

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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

cPAHs by EPA 8270D/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-17-W-1209**					
Laboratory ID:	12-170-06					
Benzo[a]anthracene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Chrysene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*35 - 100*				
Pyrene-d10	*87*	*27 - 108*				
Terphenyl-d14	*80*	*36 - 125*				
Client ID:	**KM-19-W-1209**					
Laboratory ID:	12-170-09					
Benzo[a]anthracene	**0.0098**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Chrysene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*35 - 100*				
Pyrene-d10	*81*	*27 - 108*				
Terphenyl-d14	*73*	*36 - 125*				
Client ID:	**KM-20-W-1209**					
Laboratory ID:	12-172-12					
Benzo[a]anthracene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Chrysene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	12-28-09	12-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*35 - 100*				
Pyrene-d10	*81*	*27 - 108*				
Terphenyl-d14	*75*	*36 - 125*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170
Project: 14697

cPAHs by EPA 8270D/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1228W1					
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-28-09	12-28-09	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*35 - 100*				
Pyrene-d10	*79*	*27 - 108*				
Terphenyl-d14	*67*	*36 - 125*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1228W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.335**	**0.375**	0.500	0.500	67	75	35 - 111	11	30	
Acenaphthylene	**0.380**	**0.481**	0.500	0.500	76	96	30 - 109	23	30	
Acenaphthene	**0.361**	**0.415**	0.500	0.500	72	83	46 - 101	14	29	
Fluorene	**0.407**	**0.466**	0.500	0.500	81	93	50 - 104	14	25	
Phenanthrene	**0.356**	**0.425**	0.500	0.500	71	85	55 - 97	18	23	
Anthracene	**0.406**	**0.486**	0.500	0.500	81	97	49 - 101	18	32	
Fluoranthene	**0.395**	**0.477**	0.500	0.500	79	95	59 - 102	19	23	
Pyrene	**0.390**	**0.471**	0.500	0.500	78	94	62 - 104	19	22	
Benzo[a]anthracene	**0.337**	**0.418**	0.500	0.500	67	84	57 - 100	21	25	
Chrysene	**0.333**	**0.413**	0.500	0.500	67	83	58 - 103	21	25	
Benzo[b]fluoranthene	**0.378**	**0.465**	0.500	0.500	76	93	61 - 100	21	27	
Benzo[k]fluoranthene	**0.372**	**0.451**	0.500	0.500	74	90	53 - 103	19	30	
Benzo[a]pyrene	**0.376**	**0.461**	0.500	0.500	75	92	35 - 107	20	32	
Indeno(1,2,3-c,d)pyrene	**0.303**	**0.363**	0.500	0.500	61	73	47 - 105	18	34	
Dibenz[a,h]anthracene	**0.303**	**0.361**	0.500	0.500	61	72	39 - 108	17	33	
Benzo[g,h,i]perylene	**0.306**	**0.353**	0.500	0.500	61	71	41 - 104	14	40	
Surrogate:										
2-Fluorobiphenyl					*69*	*79*	*35 - 100*			
Pyrene-d10					*82*	*99*	*27 - 108*			
Terphenyl-d14					*69*	*86*	*36 - 125*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z -

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

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Chain of Custody

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

Page 1 of 2

Company: Amec-Geomatrix
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Josya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 12-170

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	cPAHs	HOLD					% Moisture
1	KM-17-2-1209	12/23/09	900	S	11		X		X										X	X					
2	KM-17-8-1209		905	S	5		X		X										X	X					
3	KM-18-4-1209		1100	S	5		X		X										X	X					
4	KM-18-8-1209		1105	S	5		X		X										X	X					
5	KM-18-W-1209		1130	W	7		X		X										X	X					
6	KM-17-W-1209		945	W	14		X		X										X						
7	KM-19-4-1209		1220	S	5		X		X										X	X					
8	KM-19-6.5-1209		1225	S	5		X		X										X	X					
9	KM-19-W-1209		1315	W	7		X		X										X						
10	KM-20-3-1209	↓	1330	S	5		X		X										X	X					

	Signature	Company	Date	Time
Relinquished by		Amec	12/23/09	1650
Received by				1650
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:
KM-17-2-1209 & KM-17-W-1209 volume for MS/MSD
See HOLDS

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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Chain of Custody

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

Company: Amec-Geomatrix
Project Number: 14697
Project Name: Tasya Gray
Project Manager: Kelly Moore
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 12-170

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	cPAHs	HOLD					% Moisture
11	KM-20-7-1209	12/23/09	1335	S	5		X		X										X	X					
12	KM-20-W-1209		1415	W	7		X		X										X	X					
13	KM-21-3-1209		1445	S	5		X		X										X	X					
14	KM-21-7-1209		1450	S	5		X		X										X	X					
15	KM-21-W-1209		1530	W	7		X		X										X	X					
																				CB					

	Signature	Company	Date	Time	Comments/Special Instructions:
Relinquished by	Chris Brown	Amec	12/23/09	1650	SEE HOLDS
Received by			12/23/09	1650	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date		Reviewed by/Date			Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

January 11, 2010

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 0912-170B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on December 23, 2009.

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

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

Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

Case Narrative

Samples were collected on December 23, 2009, and received by the laboratory on December 23, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

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

NWTPH Gx (soil) Analysis

The sample chromatograms for KM-19-4-1209 and KM-19-6.5-1209 are similar to mineral spirits.

Volatiles (soil) EPA 8260B Analysis

Some MTCA Method A cleanup levels are non-achievable for samples KM-19-4-1209 and KM-19-6.5-1209 due to the necessary dilution of the samples.

The holding times for samples KM-17-2-1209, KM-17-8-1209, KM-19-4-1209, KM-19-6.5-1209, KM-20-3-1209, and KM-20-7-1209 were exceeded by up to 6 hours.

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

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-19-4-1209**					
Laboratory ID:	12-170-07					
Gasoline	**430**	9.9	NWTPH-Gx	1-6-10	1-6-10	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*53-126*				
Client ID:	**KM-19-6.5-1209**					
Laboratory ID:	12-170-08					
Gasoline	**8200**	130	NWTPH-Gx	1-6-10	1-6-10	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*58*	*53-126*				

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Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0106S1					
Gasoline	**ND**	5.0	NWTPH-Gx	1-6-10	1-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*53-126*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	12-170-07									
	ORIG	DUP								
Gasoline	**431**	**413**	NA	NA	NA		NA	4	30	
Surrogate:										
Fluorobenzene					*102*	*90*	*53-126*			

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-21-W-1209**					
Laboratory ID:	12-170-15					
Gasoline	**ND**	100	NWTPH-Gx	1-6-10	1-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*74-121*				

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0106W1					
Gasoline	**ND**	100	NWTPH-Gx	1-6-10	1-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*74-121*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	12-170-15									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA	NA		NA	NA	30	
Surrogate:										
Fluorobenzene					*84*	*80*	*74-121*			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-01
Client ID: KM-17-2-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0058
Vinyl Chloride	ND		0.0058
Bromomethane	ND		0.0012
Chloroethane	ND		0.0058
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0058
Iodomethane	ND		0.0058
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0058
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0058
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0058
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0058
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0058
Toluene	ND		0.0058
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 12-170-01
Client ID: KM-17-2-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0058
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0058
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0058
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	55-125
Toluene-d8	94	56-127

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-02
Client ID: KM-17-8-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0015
Chloromethane	ND		0.0077
Vinyl Chloride	ND		0.0077
Bromomethane	ND		0.0015
Chloroethane	ND		0.0077
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	ND		0.0077
Iodomethane	ND		0.0077
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0077
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0077
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	ND		0.0077
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0077
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0077
Toluene	ND		0.0077
(trans) 1,3-Dichloropropene	ND		0.0015

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

Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 12-170-02
Client ID: KM-17-8-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	ND		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0077
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0031
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0077
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0077
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	74	54-130

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

Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-07
Client ID: KM-19-4-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.087
Chloromethane	ND		0.43
Vinyl Chloride	ND		0.43
Bromomethane	ND		0.087
Chloroethane	ND		0.43
Trichlorofluoromethane	ND		0.087
1,1-Dichloroethene	ND		0.087
Acetone	ND		0.43
Iodomethane	ND		0.43
Carbon Disulfide	ND		0.087
Methylene Chloride	ND		0.43
(trans) 1,2-Dichloroethene	ND		0.087
Methyl t-Butyl Ether	ND		0.087
1,1-Dichloroethane	ND		0.087
Vinyl Acetate	ND		0.43
2,2-Dichloropropane	ND		0.087
(cis) 1,2-Dichloroethene	ND		0.087
2-Butanone	ND		0.43
Bromochloromethane	ND		0.087
Chloroform	ND		0.087
1,1,1-Trichloroethane	ND		0.087
Carbon Tetrachloride	ND		0.087
1,1-Dichloropropene	ND		0.087
Benzene	ND		0.087
1,2-Dichloroethane	ND		0.087
Trichloroethene	ND		0.087
1,2-Dichloropropane	ND		0.087
Dibromomethane	ND		0.087
Bromodichloromethane	ND		0.087
2-Chloroethyl Vinyl Ether	ND		0.43
(cis) 1,3-Dichloropropene	ND		0.087
Methyl Isobutyl Ketone	ND		0.43
Toluene	ND		0.43
(trans) 1,3-Dichloropropene	ND		0.087

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Lab ID: 12-170-07
Client ID: KM-19-4-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.087
Tetrachloroethene	ND		0.087
1,3-Dichloropropane	ND		0.087
2-Hexanone	ND		0.43
Dibromochloromethane	ND		0.087
1,2-Dibromoethane	ND		0.087
Chlorobenzene	ND		0.087
1,1,1,2-Tetrachloroethane	ND		0.087
Ethylbenzene	ND		0.087
m,p-Xylene	ND		0.17
o-Xylene	ND		0.087
Styrene	ND		0.087
Bromoform	ND		0.087
Isopropylbenzene	ND		0.087
Bromobenzene	ND		0.087
1,1,2,2-Tetrachloroethane	ND		0.087
1,2,3-Trichloropropane	ND		0.087
n-Propylbenzene	ND		0.087
2-Chlorotoluene	ND		0.087
4-Chlorotoluene	ND		0.087
1,3,5-Trimethylbenzene	ND		0.087
tert-Butylbenzene	ND		0.087
1,2,4-Trimethylbenzene	ND		0.087
sec-Butylbenzene	ND		0.087
1,3-Dichlorobenzene	ND		0.087
p-Isopropyltoluene	ND		0.087
1,4-Dichlorobenzene	ND		0.087
1,2-Dichlorobenzene	ND		0.087
n-Butylbenzene	ND		0.087
1,2-Dibromo-3-chloropropane	ND		0.43
1,2,4-Trichlorobenzene	ND		0.087
Hexachlorobutadiene	ND		0.43
Naphthalene	ND		0.087
1,2,3-Trichlorobenzene	ND		0.087

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	55-125
Toluene-d8	95	56-127
4-Bromofluorobenzene	85	54-130

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Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-08
Client ID: KM-19-6.5-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.33
Chloromethane	ND		1.6
Vinyl Chloride	ND		1.6
Bromomethane	ND		0.33
Chloroethane	ND		1.6
Trichlorofluoromethane	ND		0.33
1,1-Dichloroethene	ND		0.33
Acetone	ND		1.6
Iodomethane	ND		1.6
Carbon Disulfide	ND		0.33
Methylene Chloride	ND		1.6
(trans) 1,2-Dichloroethene	ND		0.33
Methyl t-Butyl Ether	ND		0.33
1,1-Dichloroethane	ND		0.33
Vinyl Acetate	ND		1.6
2,2-Dichloropropane	ND		0.33
(cis) 1,2-Dichloroethene	ND		0.33
2-Butanone	ND		1.6
Bromochloromethane	ND		0.33
Chloroform	ND		0.33
1,1,1-Trichloroethane	ND		0.33
Carbon Tetrachloride	ND		0.33
1,1-Dichloropropene	ND		0.33
Benzene	ND		0.33
1,2-Dichloroethane	ND		0.33
Trichloroethene	ND		0.33
1,2-Dichloropropane	ND		0.33
Dibromomethane	ND		0.33
Bromodichloromethane	ND		0.33
2-Chloroethyl Vinyl Ether	ND		1.6
(cis) 1,3-Dichloropropene	ND		0.33
Methyl Isobutyl Ketone	ND		1.6
Toluene	ND		1.6
(trans) 1,3-Dichloropropene	ND		0.33

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
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Lab ID: 12-170-08
Client ID: KM-19-6.5-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.33
Tetrachloroethene	ND		0.33
1,3-Dichloropropane	ND		0.33
2-Hexanone	ND		1.6
Dibromochloromethane	ND		0.33
1,2-Dibromoethane	ND		0.33
Chlorobenzene	ND		0.33
1,1,1,2-Tetrachloroethane	ND		0.33
Ethylbenzene	ND		0.33
m,p-Xylene	ND		0.66
o-Xylene	ND		0.33
Styrene	ND		0.33
Bromoform	ND		0.33
Isopropylbenzene	22		0.33
Bromobenzene	ND		0.33
1,1,2,2-Tetrachloroethane	ND		0.33
1,2,3-Trichloropropane	ND		0.33
n-Propylbenzene	57		0.33
2-Chlorotoluene	ND		0.33
4-Chlorotoluene	ND		0.33
1,3,5-Trimethylbenzene	ND		0.33
tert-Butylbenzene	2.0		0.33
1,2,4-Trimethylbenzene	ND		0.33
sec-Butylbenzene	38		0.33
1,3-Dichlorobenzene	ND		0.33
p-Isopropyltoluene	ND		0.33
1,4-Dichlorobenzene	ND		0.33
1,2-Dichlorobenzene	ND		0.33
n-Butylbenzene	29		0.33
1,2-Dibromo-3-chloropropane	ND		1.6
1,2,4-Trichlorobenzene	ND		0.33
Hexachlorobutadiene	ND		1.6
Naphthalene	ND		0.33
1,2,3-Trichlorobenzene	ND		0.33

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	55-125
Toluene-d8	96	56-127
4-Bromofluorobenzene	91	54-130

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

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Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-10
Client ID: KM-20-3-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0061
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 12-170-10
Client ID: KM-20-3-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	112	55-125
Toluene-d8	90	56-127
4-Bromofluorobenzene	70	54-130

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Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-11
Client ID: KM-20-7-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0060
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 12-170-11
Client ID: KM-20-7-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	55-125
Toluene-d8	93	56-127
4-Bromofluorobenzene	79	54-130

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0106S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0106S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	55-125
Toluene-d8	99	56-127
4-Bromofluorobenzene	79	54-130

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-170-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0691/0.0617	0.0548	79	0.0538	87	70-130	
Benzene	ND	0.0691/0.0617	0.0639	92	0.0628	102	70-130	
Trichloroethene	ND	0.0691/0.0617	0.0634	92	0.0617	100	70-124	
Toluene	ND	0.0691/0.0617	0.0654	95	0.0632	102	70-130	
Chlorobenzene	ND	0.0691/0.0617	0.0764	111	0.0614	100	72-127	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	9	14	
Benzene	10	17	
Trichloroethene	9	13	
Toluene	8	16	
Chlorobenzene	11	15	

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Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-05
Client ID: KM-18-W-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 11, 2010
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VOLATILES by EPA 8260B
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Lab ID: 12-170-05
Client ID: KM-18-W-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	0.61		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	0.96		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	160		10
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	82	70-123

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

Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-15
Client ID: KM-21-W-1209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 12-170-15
Client ID: KM-21-W-1209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	90	70-123

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0106W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB0106W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	71-126
Toluene-d8	84	76-116
4-Bromofluorobenzene	86	70-123

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Date Extracted: 1-6-10
Date Analyzed: 1-6-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-170-15

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	10.1	101	10.2	102	70-130	
Benzene	ND	10.0	10.2	102	10.4	104	81-125	
Trichloroethene	ND	10.0	9.85	99	9.38	94	79-116	
Toluene	ND	10.0	10.0	100	9.81	98	88-118	
Chlorobenzene	ND	10.0	10.1	101	10.0	100	75-121	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	22	
Benzene	2	11	
Trichloroethene	5	11	
Toluene	2	14	
Chlorobenzene	1	14	

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Date of Report: January 11, 2010
Samples Submitted: December 23, 2009
Laboratory Reference: 0912-170B
Project: 14697

% MOISTURE

Date Analyzed: 1-7-10

Client ID	Lab ID	% Moisture
KM-17-2-1209	12-170-01	7
KM-17-8-1209	12-170-02	19
KM-19-4-1209	12-170-07	30
KM-19-6.5-1209	12-170-08	13
KM-20-3-1209	12-170-10	18
KM-20-7-1209	12-170-11	17

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

Z - The sample chromatogram is similar to mineral spirits.

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

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Chain of Custody

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

Company: Amec-Geomatrix
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Tosya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 12-170

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	cPAHs	HOLD				% Moisture
1	KM-17-2-1209	12/23/09	900	S	11		X	X	⊗									X	X					⊗
2	KM-17-8-1209		905	S	5		X		⊗									X	X					⊗
3	KM-18-4-1209		1100	S	5		X		X									X	X					
4	KM-18-8-1209		1105	S	5		X		X									X	X					
5	KM-18-W-1209		1130	W	7		X	X	⊗									X	X					
6	KM-17-W-1209		945	W	14		X		X									X						
7	KM-19-4-1209		1220	S	5		⊗		⊗									X	X					⊗
8	KM-19-6.5-1209		1225	S	5		⊗		⊗									X	X					⊗
9	KM-19-W-1209		1315	W	7		X		X									X						
10	KM-20-3-1209	↓	1330	S	5		X		⊗									X	X					⊗

	Signature	Company	Date	Time
Relinquished by		Amec	12/23/09	1650
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
KM-17-2-1209 & KM-17-W-1209 volume for MS/MSD
See HOLDS
⊗ Added 1/6/10. DB.

Chromatograms with final report ☐

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Chain of Custody

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

Company: Amec-Geomatrix
Project Number: 14697
Project Name: Tasya Gray
Project Manager: Kelly Moore
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 12-170

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	cPAHs HOLD					% Moisture
11	KM-20-7-1209	12/23/09	1335	S	5		~~X~~ ND		⊗									X	X NO					⊗
12	KM-20-W-1209		1415	W	7		X		X									X	X					
13	KM-21-3-1209		1445	S	5		X		X									X	X					
14	KM-21-7-1209		1450	S	5		X		X									X	X					
15	KM-21-W-1209		1530	W	7		⊗		⊗									X	X NO DB					
																		X	CB					

	Signature	Company	Date	Time
Relinquished by	Chris Brown	Amec	12/23/09	1650
Received by			12/23/09	1650
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
SEE HOLDS
⊗ Added 1/6/10. DB

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

Memo

To:	Natasya Gray	Project:	0146970040.00001
From:	Crystal Neirby	cc:	Project File
Date:	September 2, 2010		

Subject: Kelly Moore Paints – Soil and Groundwater Sampling – August 2010
Summary Data Quality Review – SDG 1008-175

This memorandum presents a summary data quality review for analyses of 15 primary soil samples, four primary groundwater samples, and one trip blank collected on August 23 and 24, 2010. The samples were submitted to OnSite Environmental, Inc. (OnSite), a laboratory located in Redmond, Washington, and accredited by the Washington State Department of Ecology (Ecology). The soil and groundwater samples were analyzed for the following analytes:

- Total petroleum hydrocarbons (TPH) as gasoline by Ecology Method NWTPH-Gx;
- TPH as diesel extended by Ecology Method NWTPH-Dx (with acid and silica gel cleanup);
- Volatile organic compounds (VOCs) by EPA Method 8260B;
- Semivolatile organic compounds (SVOCs) by EPA Method 8270 with polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 with selective ion monitoring (SIM);
- Total metals (Resource Conservation and Recovery Act [RCRA] list of eight metals) by EPA Method 6010B for soil samples and EPA Method 200.8 for water samples, with mercury analyzed using EPA Method 7471A for soil samples and EPA Method 7470A for water samples; and
- Polychlorinated biphenyls (PCBs) (soil samples only) by EPA Method 8082.

The samples collected, the laboratory sample ID, and matrix as well as a summary of the data quality review are presented in Table 1 (attached). Some samples were submitted and placed on hold, pending results of associated samples. The samples placed on hold are also listed in Table 1.

The samples were received within the acceptable temperature range of 4 ± 2°C, and there were no sample discrepancies noted by the laboratory upon receipt. Samples analyzed for TPH as gasoline and VOCs were collected according to EPA Method 5035A. As indicated by the laboratory, the samples were submitted in preweighted 40-milliliter (mL) vials within 48 hours of collection and stored frozen until extraction or analysis.

Data were reviewed in accordance with the appropriate method procedures. The most current control limits provided by the laboratory were used to evaluate the quality control data.

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Seattle, Washington
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The following were reviewed to assess compliance with applicable methods and the laboratory procedures: hold times; method blanks, blank spike (BS) and blank spike duplicate (BSD) results; matrix spike/matrix spike duplicate (MS/MSD) results; surrogate recoveries; laboratory duplicate results; and reporting limits. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA guidance (EPA, 2004 and 2008).

Soil and groundwater samples were analyzed for TPH as gasoline, TPH as diesel, VOCs, SVOCs, PCBs, and total metals by the methods identified previously in this report and were evaluated for the following criteria.

1. Holding Times – Acceptable
2. Blanks – Acceptable
3. BS/BSD – Acceptable

   The laboratory did not report blank spike results if acceptable MS/MSD or laboratory duplicate results were reported, following its standard operating procedure.
4. MS/MSD – Acceptable

   Soil: The laboratory did not report MS/MSD results for the following analyses: TPH as gasoline, TPH as diesel, and VOCs. Sample results were evaluated based on BS and BSD results, except for TPH results for which only laboratory duplicate results were submitted.

   Water: The laboratory did not report MS/MSD results for the following analyses: TPH as gasoline, TPH as diesel, VOCs, and SVOCs. Sample results were evaluated based on BS and BSD results, except for TPH results for which only laboratory duplicate results were submitted.

   Total Metals by Method 200.8: The MS/MSD recoveries for copper and zinc were 132 and 136 percent, and 139 and 142 percent, respectively. The MS/MSD was performed with a sample not associated with this project. The laboratory did not provide BS or BSD results. Sample results are not qualified due to MS/MSD recoveries from a non-project sample.
5. Surrogates – Acceptable
6. Laboratory Duplicates – Acceptable

7. Reporting Limits and Laboratory Flags – Acceptable except as noted:

   TPH-Diesel by NWTPH-Dx: The laboratory indicated with a "U1" flag that the reporting limit for diesel-range organics in samples KM-22-7.0-0810 and KM-22-16.0-0810 were raised due to matrix interference. Diesel-range organics were not detected in the sample, and the result is not qualified.

   VOCs by EPA 8260: The laboratory flagged the 1,1,2,2-tetrachloroethane results in samples KM-22-7.0-0810, KM-23-9.0-0810 and KM-23-11.0-0810, with a U1 to indicate the reporting limits were raised due to matrix interference. The affected analytes were not detected in the samples, and the results were not qualified.

OVERALL ASSESSMENT OF DATA

The OnSite SDG 1008-175 is 100 percent complete. The data usability is based on EPA's guidance documents. Few problems were identified, and the analytical performance was generally within specified limits. The data are acceptable and meet the project's data quality objectives.

REFERENCES

EPA, 2004, U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review: EPA 540-R-04-004, October.

EPA, 2008, U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-08-001, June.

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Sample ID	Laboratory Sample ID/Matrix	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-22-7.0-0810	08-175-01 soil	none			
KM-22-14.0-0810	08-175-02 soil	none			
KM-22-16.0-0810	08-175-03 water	none			
KM-24-7.5-0810	08-175-04 soil	none			
KM-24-11-0810	08-175-05 soil	none			
KM-23-9.0-0810	08-175-06 soil	none			
KM-23-11.0-0810	08-175-07 soil	none			
KM-23-16.0-0810	08-175-08 water	placed on hold			
KM-25-11.0-0810	08-175-09 soil	none			
KM-26-8.5-0810	08-175-10 soil	none			
KM-26-11.5-0810	08-175-11 soil	none			
KM-25-16.0-0810	08-175-12 water	none			
KM-27-8.5-0810	08-175-13 soil	none			
KM-27-11.0-0810	08-175-14 soil	none			
KM-28-9.0-0810	08-175-15 soil	none			
KM-28-11.0-0810	08-175-16 soil	none			
KM-27-16.0-0810	08-175-17 water	none			
KM-29-8.0-0810	08-175-18 soil	none			
KM-29-11.0-0810	08-175-19 soil	none			
KM-29-16.0-0810	08-175-20 water	none			
KM-D1-0810	08-175-21 soil	placed on hold			
KM-D2-0810	08-175-22 water	placed on hold			
Trip Blank	08-175-23	none			

OnSite Environmental Inc.

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

September 2, 2010

Natasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1008-175

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on August 24, 2010.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

Case Narrative

Samples were collected on August 23 and 24, 2010 and received by the laboratory on August 24, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx (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.

The chromatogram for sample KM-22-7.0-0810 is similar to mineral spirits with gas.

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 (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.

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-7.0-0810**					
Laboratory ID:	08-175-01					
Gasoline	**350**	7.6	NWTPH-Gx	8-30-10	8-30-10	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*55-127*				
Client ID:	**KM-22-14.0-0810**					
Laboratory ID:	08-175-02					
Gasoline	**30**	13	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*55-127*				
Client ID:	**KM-24-7.5-0810**					
Laboratory ID:	08-175-04					
Gasoline	**ND**	5.9	NWTPH-Gx	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*55-127*				
Client ID:	**KM-24-11-0810**					
Laboratory ID:	08-175-05					
Gasoline	**ND**	6.9	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*55-127*				
Client ID:	**KM-23-9.0-0810**					
Laboratory ID:	08-175-06					
Gasoline	**14**	5.4	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*55-127*				
Client ID:	**KM-23-11.0-0810**					
Laboratory ID:	08-175-07					
Gasoline	**44**	6.5	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*55-127*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-25-11.0-0810**					
Laboratory ID:	08-175-09					
Gasoline	**ND**	6.1	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*55-127*				
Client ID:	**KM-26-8.5-0810**					
Laboratory ID:	08-175-10					
Gasoline	**ND**	5.2	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*55-127*				
Client ID:	**KM-26-11.5-0810**					
Laboratory ID:	08-175-11					
Gasoline	**ND**	6.8	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*55-127*				
Client ID:	**KM-27-8.5-0810**					
Laboratory ID:	08-175-13					
Gasoline	**ND**	5.4	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*55-127*				
Client ID:	**KM-27-11.0-0810**					
Laboratory ID:	08-175-14					
Gasoline	**ND**	6.8	NWTPH-Gx	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*55-127*				
Client ID:	**KM-28-9.0-0810**					
Laboratory ID:	08-175-15					
Gasoline	**ND**	5.7	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*55-127*				
Client ID:	**KM-28-11.0-0810**					
Laboratory ID:	08-175-16					
Gasoline	**ND**	6.2	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*55-127*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-8.0-0810**					
Laboratory ID:	08-175-18					
Gasoline	**ND**	5.6	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*55-127*				
Client ID:	**KM-29-11.0-0810**					
Laboratory ID:	08-175-19					
Gasoline	**ND**	6.0	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*55-127*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830S1					
Gasoline	**ND**	5.0	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*55-127*				
Laboratory ID:	MB0830S2					
Gasoline	**ND**	5.0	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*55-127*				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-175-01								
	ORIG	DUP							
Gasoline	**279**	**273**	NA	NA	NA	NA	2	30	
Surrogate:									
Fluorobenzene					*103* *105*	*55-127*			
Laboratory ID:	08-175-04								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*96* *99*	*55-127*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-16.0-0810**					
Laboratory ID:	08-175-03					
Gasoline	**91000**	1000	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*74-121*				
Client ID:	**KM-25-16.0-0810**					
Laboratory ID:	08-175-12					
Gasoline	**ND**	100	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*74-121*				
Client ID:	**KM-27-16.0-0810**					
Laboratory ID:	08-175-17					
Gasoline	**ND**	100	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*74-121*				
Client ID:	**KM-29-16.0-0810**					
Laboratory ID:	08-175-20					
Gasoline	**ND**	100	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*74-121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Gasoline	**ND**	100	NWTPH-Gx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*74-121*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-222-11										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*90*	*91*	*74-121*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-22-7.0-0810**					
Laboratory ID:	08-175-01					
Diesel Range Organics	**ND**	150	NWTPH-Dx	8-30-10	8-30-10	U1
Lube Oil	**290**	64	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**KM-22-14.0-0810**					
Laboratory ID:	08-175-02					
Diesel Range Organics	**ND**	29	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**KM-24-7.5-0810**					
Laboratory ID:	08-175-04					
Diesel Range Organics	**ND**	27	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**KM-24-11-0810**					
Laboratory ID:	08-175-05					
Diesel Range Organics	**ND**	30	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**KM-23-9.0-0810**					
Laboratory ID:	08-175-06					
Diesel Range Organics	**ND**	26	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	53	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**KM-23-11.0-0810**					
Laboratory ID:	08-175-07					
Diesel Range Organics	**ND**	29	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-25-11.0-0810**					
Laboratory ID:	08-175-09					
Diesel Range Organics	**39**	28	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil	**100**	56	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*115*	*50-150*				
Client ID:	**KM-26-8.5-0810**					
Laboratory ID:	08-175-10					
Diesel Range Organics	**ND**	26	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	52	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**KM-26-11.5-0810**					
Laboratory ID:	08-175-11					
Diesel Range Organics	**ND**	29	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**KM-27-8.5-0810**					
Laboratory ID:	08-175-13					
Diesel Range Organics	**ND**	27	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	53	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**KM-27-11.0-0810**					
Laboratory ID:	08-175-14					
Diesel Range Organics	**ND**	30	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				
Client ID:	**KM-28-9.0-0810**					
Laboratory ID:	08-175-15					
Diesel Range Organics	**ND**	28	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-28-11.0-0810**					
Laboratory ID:	08-175-16					
Diesel Range Organics	**ND**	28	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**KM-29-8.0-0810**					
Laboratory ID:	08-175-18					
Diesel Range Organics	**ND**	27	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	53	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**KM-29-11.0-0810**					
Laboratory ID:	08-175-19					
Diesel Range Organics	**ND**	27	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*116*	*50-150*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	MB0830S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	8-30-10	8-30-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	8-30-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-175-04							
	ORIG	DUP						
Diesel Range Organics	**ND**	**ND**				NA	NA	
Lube Oil Range Organics	**ND**	**ND**				NA	NA	
Surrogate:								
o-Terphenyl			*105*	*101*	*50-150*			
Laboratory ID:	08-175-05							
	ORIG	DUP						
Diesel Range Organics	**ND**	**ND**				NA	NA	
Lube Oil Range Organics	**ND**	**ND**				NA	NA	
Surrogate:								
o-Terphenyl			*103*	*113*	*50-150*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-22-16.0-0810**					
Laboratory ID:	08-175-03					
Diesel Range Organics	**ND**	1.4	NWTPH-Dx	8-27-10	8-27-10	U1
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	8-27-10	8-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*113*	*50-150*				
Client ID:	**KM-25-16.0-0810**					
Laboratory ID:	08-175-12					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	8-27-10	8-27-10	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	8-27-10	8-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				
Client ID:	**KM-27-16.0-0810**					
Laboratory ID:	08-175-17					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	8-27-10	8-27-10	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	8-27-10	8-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**KM-29-16.0-0810**					
Laboratory ID:	08-175-20					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	8-27-10	8-27-10	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	8-27-10	8-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	MB0827W1					
Diesel Range Organics	**ND**	0.13	NWTPH-Dx	8-27-10	8-27-10	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	8-27-10	8-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	08-175-20						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*110* *105*	*50-150*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-01
Client ID: KM-22-7.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.16		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	0.0071		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.023		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	0.0015		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-01
Client ID: KM-22-7.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	0.18		0.0012
m,p-Xylene	2.3		0.15
o-Xylene	0.0088		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.22		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND	U1	0.024
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	1.4		0.073
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	0.045		0.0012
tert-Butylbenzene	0.0026		0.0012
1,2,4-Trimethylbenzene	0.10		0.0012
sec-Butylbenzene	0.023		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	0.0068		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	0.0051		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	66-128
Toluene-d8	94	68-126
4-Bromofluorobenzene	81	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-02
Client ID:	**KM-22-14.0-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.067
Chloromethane	ND		0.34
Vinyl Chloride	ND		0.067
Bromomethane	ND		0.067
Chloroethane	ND		0.34
Trichlorofluoromethane	ND		0.067
1,1-Dichloroethene	ND		0.067
Acetone	ND		0.34
Iodomethane	ND		0.34
Carbon Disulfide	ND		0.067
Methylene Chloride	ND		0.34
(trans) 1,2-Dichloroethene	ND		0.067
Methyl t-Butyl Ether	ND		0.067
1,1-Dichloroethane	ND		0.067
Vinyl Acetate	ND		0.34
2,2-Dichloropropane	ND		0.067
(cis) 1,2-Dichloroethene	ND		0.067
2-Butanone	ND		0.34
Bromochloromethane	ND		0.067
Chloroform	ND		0.067
1,1,1-Trichloroethane	ND		0.067
Carbon Tetrachloride	ND		0.067
1,1-Dichloropropene	ND		0.067
Benzene	ND		0.067
1,2-Dichloroethane	ND		0.067
Trichloroethene	ND		0.067
1,2-Dichloropropane	ND		0.067
Dibromomethane	ND		0.067
Bromodichloromethane	ND		0.067
2-Chloroethyl Vinyl Ether	ND		0.34
(cis) 1,3-Dichloropropene	ND		0.067
Methyl Isobutyl Ketone	ND		0.34
Toluene	ND		0.34
(trans) 1,3-Dichloropropene	ND		0.067

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Lab ID: 08-175-02
Client ID: KM-22-14.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.067
Tetrachloroethene	ND		0.067
1,3-Dichloropropane	ND		0.067
2-Hexanone	ND		0.34
Dibromochloromethane	ND		0.067
1,2-Dibromoethane	ND		0.067
Chlorobenzene	ND		0.067
1,1,1,2-Tetrachloroethane	ND		0.067
Ethylbenzene	1.9		0.067
m,p-Xylene	6.4		0.13
o-Xylene	2.5		0.067
Styrene	ND		0.067
Bromoform	ND		0.067
Isopropylbenzene	ND		0.067
Bromobenzene	ND		0.067
1,1,2,2-Tetrachloroethane	ND		0.067
1,2,3-Trichloropropane	ND		0.067
n-Propylbenzene	ND		0.067
2-Chlorotoluene	ND		0.067
4-Chlorotoluene	ND		0.067
1,3,5-Trimethylbenzene	ND		0.067
tert-Butylbenzene	ND		0.067
1,2,4-Trimethylbenzene	0.12		0.067
sec-Butylbenzene	ND		0.067
1,3-Dichlorobenzene	ND		0.067
p-Isopropyltoluene	ND		0.067
1,4-Dichlorobenzene	ND		0.067
1,2-Dichlorobenzene	ND		0.067
n-Butylbenzene	ND		0.067
1,2-Dibromo-3-chloropropane	ND		0.34
1,2,4-Trichlorobenzene	ND		0.067
Hexachlorobutadiene	ND		0.34
Naphthalene	ND		0.067
1,2,3-Trichlorobenzene	ND		0.067

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	66-128
Toluene-d8	95	68-126
4-Bromofluorobenzene	98	53-134

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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-04
Client ID:	**KM-24-7.5-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-04
Client ID: KM-24-7.5-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	66-128
Toluene-d8	96	68-126
4-Bromofluorobenzene	94	53-134

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-05
Client ID: KM-24-11-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-05
Client ID: KM-24-11-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	66-128
Toluene-d8	101	68-126
4-Bromofluorobenzene	98	53-134

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-06
Client ID: KM-23-9.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.067		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.012		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-06
Client ID: KM-23-9.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	0.031		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND	U1	0.0060
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	0.043		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	0.0065		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	0.0028		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	66-128
Toluene-d8	99	68-126
4-Bromofluorobenzene	97	53-134

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-07
Client ID: KM-23-11.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.041		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 08-175-07
Client ID: KM-23-11.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	0.15		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND	U1	0.011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	0.19		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	0.0027		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	0.025		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	0.016		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	66-128
Toluene-d8	100	68-126
4-Bromofluorobenzene	97	53-134

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-09
Client ID: KM-25-11.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0051
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0051
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.058		0.0051
Iodomethane	ND		0.0051
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0051
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0051
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	0.0088		0.0051
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0051
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0051
Toluene	ND		0.0051
(trans) 1,3-Dichloropropene	ND		0.0010

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
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Lab ID: 08-175-09
Client ID: KM-25-11.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0051
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	0.0053		0.0021
o-Xylene	0.0022		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0051
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0051
Naphthalene	0.0021		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	83	66-128
Toluene-d8	92	68-126
4-Bromofluorobenzene	90	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-10
Client ID:	**KM-26-8.5-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0072
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0072
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	ND		0.0072
Iodomethane	ND		0.0072
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0072
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0072
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0072
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0072
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0072
Toluene	ND		0.0072
(trans) 1,3-Dichloropropene	ND		0.0014

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
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Lab ID: 08-175-10
Client ID: KM-26-8.5-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0072
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0029
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0072
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0072
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	66-128
Toluene-d8	96	68-126
4-Bromofluorobenzene	94	53-134

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Date of Report: September 2, 2010
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Project: 14697

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-11
Client ID: KM-26-11.5-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-11
Client ID: KM-26-11.5-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	66-128
Toluene-d8	98	68-126
4-Bromofluorobenzene	98	53-134

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Date of Report: September 2, 2010
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Project: 14697

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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-13
Client ID:	**KM-27-8.5-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0059
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0059
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.12		0.0059
Iodomethane	ND		0.0059
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0059
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0059
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.019		0.0059
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0059
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0059
Toluene	ND		0.0059
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 08-175-13
Client ID: KM-27-8.5-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0059
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0059
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0059
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	66-128
Toluene-d8	99	68-126
4-Bromofluorobenzene	101	53-134

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-14
Client ID: KM-27-11.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0066
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0066
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.028		0.0066
Iodomethane	ND		0.0066
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0066
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0066
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0066
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0066
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0066
Toluene	ND		0.0066
(trans) 1,3-Dichloropropene	ND		0.0013

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Samples Submitted: August 24, 2010
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Lab ID: 08-175-14
Client ID: KM-27-11.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0066
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0026
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0066
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0066
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

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

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Laboratory Reference: 1008-175
Project: 14697

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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-15
Client ID: KM-28-9.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0062
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0062
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.041		0.0062
Iodomethane	ND		0.0062
Carbon Disulfide	ND		0.0012
Methylene Chloride	0.013		0.0062
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0062
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0092		0.0062
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0062
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0062
Toluene	ND		0.0062
(trans) 1,3-Dichloropropene	ND		0.0012

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Lab ID: 08-175-15
Client ID: KM-28-9.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0062
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0062
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0062
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	83	66-128
Toluene-d8	95	68-126
4-Bromofluorobenzene	92	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-16
Client ID:	**KM-28-11.0-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	ND		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Lab ID: 08-175-16
Client ID: KM-28-11.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	66-128
Toluene-d8	100	68-126
4-Bromofluorobenzene	97	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	08-175-18
Client ID:	**KM-29-8.0-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0063
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0063
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0063
Iodomethane	ND		0.0063
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0063
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0063
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0063
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0063
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0063
Toluene	ND		0.0063
(trans) 1,3-Dichloropropene	ND		0.0013

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Lab ID: 08-175-18
Client ID: KM-29-8.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0063
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0063
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0063
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	66-128
Toluene-d8	95	68-126
4-Bromofluorobenzene	95	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-19
Client ID: KM-29-11.0-0810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0064
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0064
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	ND		0.0064
Iodomethane	ND		0.0064
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0064
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0064
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0064
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0064
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0064
Toluene	ND		0.0064
(trans) 1,3-Dichloropropene	ND		0.0013

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
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Lab ID: 08-175-19
Client ID: KM-29-11.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0064
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0026
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0064
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0064
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	66-128
Toluene-d8	95	68-126
4-Bromofluorobenzene	93	53-134

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0827S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB0827S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	66-128
Toluene-d8	100	68-126
4-Bromofluorobenzene	101	53-134

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0827S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0446	89	0.0458	92	70-130	
Benzene	0.0500	0.0410	82	0.0426	85	70-121	
Trichloroethene	0.0500	0.0419	84	0.0412	82	70-124	
Toluene	0.0500	0.0432	86	0.0427	85	70-123	
Chlorobenzene	0.0500	0.0458	92	0.0470	94	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	14	
Benzene	4	10	
Trichloroethene	2	12	
Toluene	1	12	
Chlorobenzene	3	9	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-25-10
Date Analyzed:	8-25-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-175-03
Client ID:	**KM-22-16.0-0810**

Compound	**Results**	**Flags**	**PQL**
Dichlorodifluoromethane	ND		200
Chloromethane	ND		1000
Vinyl Chloride	ND		200
Bromomethane	ND		200
Chloroethane	ND		1000
Trichlorofluoromethane	ND		200
1,1-Dichloroethene	ND		200
Acetone	ND		5000
Iodomethane	ND		1000
Carbon Disulfide	ND		200
Methylene Chloride	ND		1000
(trans) 1,2-Dichloroethene	ND		200
Methyl t-Butyl Ether	ND		200
1,1-Dichloroethane	ND		200
Vinyl Acetate	ND		2000
2,2-Dichloropropane	ND		200
(cis) 1,2-Dichloroethene	ND		200
2-Butanone	ND		5000
Bromochloromethane	ND		200
Chloroform	ND		200
1,1,1-Trichloroethane	ND		200
Carbon Tetrachloride	ND		200
1,1-Dichloropropene	ND		200
Benzene	ND		200
1,2-Dichloroethane	ND		200
Trichloroethene	ND		200
1,2-Dichloropropane	ND		200
Dibromomethane	ND		200
Bromodichloromethane	ND		200
2-Chloroethyl Vinyl Ether	ND		1000
(cis) 1,3-Dichloropropene	ND		200
Methyl Isobutyl Ketone	ND		2000
Toluene	4700		1000
(trans) 1,3-Dichloropropene	ND		200

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-175-03
Client ID: KM-22-16.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		200
Tetrachloroethene	ND		200
1,3-Dichloropropane	ND		200
2-Hexanone	ND		2000
Dibromochloromethane	ND		200
1,2-Dibromoethane	ND		200
Chlorobenzene	ND		200
1,1,1,2-Tetrachloroethane	ND		200
Ethylbenzene	8900		200
m,p-Xylene	27000		400
o-Xylene	9000		200
Styrene	ND		200
Bromoform	ND		1000
Isopropylbenzene	ND		200
Bromobenzene	ND		200
1,1,2,2-Tetrachloroethane	ND		200
1,2,3-Trichloropropane	ND		200
n-Propylbenzene	ND		200
2-Chlorotoluene	ND		200
4-Chlorotoluene	ND		200
1,3,5-Trimethylbenzene	250		200
tert-Butylbenzene	ND		200
1,2,4-Trimethylbenzene	520		200
sec-Butylbenzene	ND		200
1,3-Dichlorobenzene	ND		200
p-Isopropyltoluene	ND		200
1,4-Dichlorobenzene	ND		200
1,2-Dichlorobenzene	ND		200
n-Butylbenzene	ND		200
1,2-Dibromo-3-chloropropane	ND		1000
1,2,4-Trichlorobenzene	ND		200
Hexachlorobutadiene	ND		200
Naphthalene	1000		1000
1,2,3-Trichlorobenzene	ND		200

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	77	71-126
Toluene-d8	83	76-116
4-Bromofluorobenzene	75	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-25-10
Date Analyzed:	8-25-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-175-12
Client ID:	**KM-25-16.0-0810**

Compound	**Results**	**Flags**	**PQL**
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-175-12
Client ID: KM-25-16.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	73	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Date Extracted:	8-25-10
Date Analyzed:	8-25-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-175-17
Client ID:	**KM-27-16.0-0810**

Compound	**Results**	**Flags**	**PQL**
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
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Lab ID: 08-175-17
Client ID: KM-27-16.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	79	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-25-10
Date Analyzed:	8-25-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-175-20
Client ID:	**KM-29-16.0-0810**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-175-20
Client ID: KM-29-16.0-0810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	82	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 1 of 2

Date Extracted:	8-25-10
Date Analyzed:	8-25-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	08-175-23
Client ID:	**Trip blank**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
Page 2 of 2

Lab ID: 08-175-23
Client ID: Trip blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	77	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	77	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Date Extracted: 8-25-10
Date Analyzed: 8-25-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0825W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Lab ID: MB0825W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	82	70-123

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 8-25-10
Date Analyzed: 8-25-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0825W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	9.13	91	9.30	93	70-130	
Benzene	10.0	9.25	93	9.50	95	73-130	
Trichloroethene	10.0	10.0	100	10.1	101	79-122	
Toluene	10.0	9.44	94	9.68	97	80-121	
Chlorobenzene	10.0	9.98	100	10.1	101	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	15	
Benzene	3	14	
Trichloroethene	0	14	
Toluene	3	13	
Chlorobenzene	1	13	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-7.0-0810**					
Laboratory ID:	08-175-01					
n-Nitrosodimethylamine	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.43	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**0.049**	0.043	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**0.051**	0.043	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	1.1	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Naphthalene	**0.024**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**0.0085**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**0.0097**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**0.0095**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-7.0-0810**					
Laboratory ID:	08-175-01					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.21	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.21	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**0.076**	0.043	EPA 8270	8-31-10	9-1-10	
Anthracene	**0.018**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**0.12**	0.043	EPA 8270	8-31-10	9-1-10	
Benzidine	**ND**	0.43	EPA 8270	8-31-10	9-1-10	
Pyrene	**0.14**	0.043	EPA 8270	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.43	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**0.075**	0.043	EPA 8270	8-31-10	9-1-10	
Chrysene	**0.093**	0.043	EPA 8270	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.043	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**0.079**	0.043	EPA 8270	8-31-10	9-1-10	
Benzo[k]fluoranthene	**0.075**	0.043	EPA 8270	8-31-10	9-1-10	
Benzo[a]pyrene	**0.089**	0.043	EPA 8270	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**0.053**	0.043	EPA 8270	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**0.020**	0.0085	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**0.064**	0.043	EPA 8270	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*22 - 107*				
Phenol-d6	*70*	*28 - 116*				
Nitrobenzene-d5	*70*	*25 - 111*				
2-Fluorobiphenyl	*65*	*35 - 108*				
2,4,6-Tribromophenol	*63*	*42 - 118*				
Terphenyl-d14	*67*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-14.0-0810**					
Laboratory ID:	08-175-02					
n-Nitrosodimethylamine	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Pyridine	**ND**	0.39	EPA 8270	8-31-10	8-31-10	
Phenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Aniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Chlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Benzyl alcohol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
n-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Hexachloroethane	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Nitrobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Isophorone	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Nitrophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,4-Dimethylphenol	**ND**	0.98	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Naphthalene	**0.20**	0.039	EPA 8270	8-31-10	8-31-10	
4-Chloroaniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Methylnaphthalene	**0.061**	0.039	EPA 8270	8-31-10	8-31-10	
1-Methylnaphthalene	**0.027**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Dimethylphthalate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,3-Dinitrobenzene	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-14.0-0810**					
Laboratory ID:	08-175-02					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Dibenzofuran	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Diethylphthalate	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
4-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Fluorene	**0.0088**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
n-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Hexachlorobenzene	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Pentachlorophenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
Phenanthrene	**0.061**	0.039	EPA 8270	8-31-10	8-31-10	
Anthracene	**0.0096**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Fluoranthene	**0.051**	0.039	EPA 8270	8-31-10	8-31-10	
Benzidine	**ND**	0.39	EPA 8270	8-31-10	8-31-10	
Pyrene	**0.063**	0.039	EPA 8270	8-31-10	8-31-10	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	8-31-10	8-31-10	
Benzo[a]anthracene	**0.016**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**0.020**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	8-31-10	8-31-10	
Benzo[b]fluoranthene	**0.013**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**0.013**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**0.015**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**0.011**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**0.014**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*38*	*22 - 107*				
Phenol-d6	*48*	*28 - 116*				
Nitrobenzene-d5	*27*	*25 - 111*				
2-Fluorobiphenyl	*56*	*35 - 108*				
2,4,6-Tribromophenol	*73*	*42 - 118*				
Terphenyl-d14	*71*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-24-7.5-0810**					
Laboratory ID:	08-175-04					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Pyridine	**ND**	0.37	EPA 8270	8-31-10	8-31-10	
Phenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Aniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Chlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Benzyl alcohol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Hexachloroethane	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Nitrobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Isophorone	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,4-Dimethylphenol	**ND**	0.91	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Naphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Dimethylphthalate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	8-31-10	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-24-7.5-0810**					
Laboratory ID:	08-175-04					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	8-31-10	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Dibenzofuran	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	8-31-10	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
4-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Fluorene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	8-31-10	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Hexachlorobenzene	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	8-31-10	
Phenanthrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.37	EPA 8270	8-31-10	8-31-10	
Pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	8-31-10	8-31-10	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	8-31-10	8-31-10	
Benzo[b]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*62*	*22 - 107*				
Phenol-d6	*67*	*28 - 116*				
Nitrobenzene-d5	*63*	*25 - 111*				
2-Fluorobiphenyl	*70*	*35 - 108*				
2,4,6-Tribromophenol	*78*	*42 - 118*				
Terphenyl-d14	*85*	*44 - 121*				

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-24-11-0810**					
Laboratory ID:	08-175-05					
n-Nitrosodimethylamine	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Pyridine	**ND**	0.40	EPA 8270	8-31-10	8-31-10	
Phenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Aniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Chlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Benzyl alcohol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
n-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Hexachloroethane	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Nitrobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Isophorone	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Nitrophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Naphthalene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Dimethylphthalate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,3-Dinitrobenzene	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Acenaphthylene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-24-11-0810**					
Laboratory ID:	08-175-05					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
Acenaphthene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Dibenzofuran	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Diethylphthalate	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
4-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Fluorene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
n-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Hexachlorobenzene	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Pentachlorophenol	**ND**	0.20	EPA 8270	8-31-10	8-31-10	
Phenanthrene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Fluoranthene	**0.023**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.40	EPA 8270	8-31-10	8-31-10	
Pyrene	**0.016**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	8-31-10	8-31-10	
Benzo[a]anthracene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**0.019**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	8-31-10	8-31-10	
Benzo[b]fluoranthene	**0.010**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0081	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*65*	*22 - 107*				
Phenol-d6	*67*	*28 - 116*				
Nitrobenzene-d5	*64*	*25 - 111*				
2-Fluorobiphenyl	*68*	*35 - 108*				
2,4,6-Tribromophenol	*78*	*42 - 118*				
Terphenyl-d14	*78*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-23-9.0-0810**					
Laboratory ID:	08-175-06					
n-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.88	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-23-9.0-0810**					
Laboratory ID:	08-175-06					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**0.010**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**0.056**	0.035	EPA 8270	8-31-10	9-1-10	
Benzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Pyrene	**0.052**	0.035	EPA 8270	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**0.048**	0.035	EPA 8270	8-31-10	9-1-10	
Chrysene	**0.090**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**0.098**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[k]fluoranthene	**0.052**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[a]pyrene	**0.054**	0.035	EPA 8270	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**0.043**	0.035	EPA 8270	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**0.018**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**0.050**	0.035	EPA 8270	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*74*	*22 - 107*				
Phenol-d6	*83*	*28 - 116*				
Nitrobenzene-d5	*83*	*25 - 111*				
2-Fluorobiphenyl	*75*	*35 - 108*				
2,4,6-Tribromophenol	*68*	*42 - 118*				
Terphenyl-d14	*80*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-23-11.0-0810**					
Laboratory ID:	08-175-07					
n-Nitrosodimethylamine	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.38	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.96	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-23-11.0-0810**					
Laboratory ID:	08-175-07					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.38	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.38	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.038	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*22 - 107*				
Phenol-d6	*69*	*28 - 116*				
Nitrobenzene-d5	*68*	*25 - 111*				
2-Fluorobiphenyl	*68*	*35 - 108*				
2,4,6-Tribromophenol	*83*	*42 - 118*				
Terphenyl-d14	*81*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-25-11.0-0810**					
Laboratory ID:	08-175-09					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.93	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Naphthalene	**0.012**	0.0075	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**0.012**	0.0075	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**0.018**	0.0075	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**0.58**	0.037	EPA 8270	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-25-11.0-0810**					
Laboratory ID:	08-175-09					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**0.033**	0.0075	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**0.050**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluorene	**0.22**	0.037	EPA 8270	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**2.0**	0.037	EPA 8270	8-31-10	9-1-10	
Anthracene	**0.64**	0.037	EPA 8270	8-31-10	9-1-10	
Carbazole	**0.11**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**4.5**	0.19	EPA 8270	8-31-10	9-1-10	
Benzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Pyrene	**3.6**	0.19	EPA 8270	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**1.6**	0.037	EPA 8270	8-31-10	9-1-10	
Chrysene	**1.7**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**1.8**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[k]fluoranthene	**1.2**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[a]pyrene	**1.5**	0.037	EPA 8270	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**0.96**	0.037	EPA 8270	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**0.34**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**1.0**	0.037	EPA 8270	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*73*	*22 - 107*				
Phenol-d6	*81*	*28 - 116*				
Nitrobenzene-d5	*76*	*25 - 111*				
2-Fluorobiphenyl	*76*	*35 - 108*				
2,4,6-Tribromophenol	*68*	*42 - 118*				
Terphenyl-d14	*86*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-26-8.5-0810**					
Laboratory ID:	08-175-10					
n-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.87	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.17	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-26-8.5-0810**					
Laboratory ID:	08-175-10					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.17	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**0.0078**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0070	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*41*	*22 - 107*				
Phenol-d6	*51*	*28 - 116*				
Nitrobenzene-d5	*40*	*25 - 111*				
2-Fluorobiphenyl	*54*	*35 - 108*				
2,4,6-Tribromophenol	*62*	*42 - 118*				
Terphenyl-d14	*77*	*44 - 121*				

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-26-11.5-0810**					
Laboratory ID:	08-175-11					
n-Nitrosodimethylamine	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.39	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.97	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-26-11.5-0810**					
Laboratory ID:	08-175-11					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.19	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.39	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0078	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*22 - 107*				
Phenol-d6	*53*	*28 - 116*				
Nitrobenzene-d5	*45*	*25 - 111*				
2-Fluorobiphenyl	*52*	*35 - 108*				
2,4,6-Tribromophenol	*56*	*42 - 118*				
Terphenyl-d14	*59*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-8.5-0810**					
Laboratory ID:	08-175-13					
n-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.88	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-8.5-0810**					
Laboratory ID:	08-175-13					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*72*	*22 - 107*				
Phenol-d6	*72*	*28 - 116*				
Nitrobenzene-d5	*68*	*25 - 111*				
2-Fluorobiphenyl	*68*	*35 - 108*				
2,4,6-Tribromophenol	*73*	*42 - 118*				
Terphenyl-d14	*75*	*44 - 121*				

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Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-11.0-0810**					
Laboratory ID:	08-175-14					
n-Nitrosodimethylamine	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.40	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.99	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.20	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-11.0-0810**					
Laboratory ID:	08-175-14					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.20	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.20	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.40	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*68*	*22 - 107*				
Phenol-d6	*68*	*28 - 116*				
Nitrobenzene-d5	*66*	*25 - 111*				
2-Fluorobiphenyl	*66*	*35 - 108*				
2,4,6-Tribromophenol	*65*	*42 - 118*				
Terphenyl-d14	*70*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-28-9.0-0810**					
Laboratory ID:	08-175-15					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.92	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-28-9.0-0810**					
Laboratory ID:	08-175-15					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*22 - 107*				
Phenol-d6	*77*	*28 - 116*				
Nitrobenzene-d5	*74*	*25 - 111*				
2-Fluorobiphenyl	*73*	*35 - 108*				
2,4,6-Tribromophenol	*80*	*42 - 118*				
Terphenyl-d14	*86*	*44 - 121*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
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SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-28-11.0-0810**					
Laboratory ID:	08-175-16					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.92	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-28-11.0-0810**					
Laboratory ID:	08-175-16					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0073	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*22 - 107*				
Phenol-d6	*76*	*28 - 116*				
Nitrobenzene-d5	*71*	*25 - 111*				
2-Fluorobiphenyl	*72*	*35 - 108*				
2,4,6-Tribromophenol	*72*	*42 - 118*				
Terphenyl-d14	*79*	*44 - 121*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-8.0-0810**					
Laboratory ID:	08-175-18					
n-Nitrosodimethylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.89	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-8.0-0810**					
Laboratory ID:	08-175-18					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.35	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.035	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0071	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*22 - 107*				
Phenol-d6	*83*	*28 - 116*				
Nitrobenzene-d5	*78*	*25 - 111*				
2-Fluorobiphenyl	*77*	*35 - 108*				
2,4,6-Tribromophenol	*71*	*42 - 118*				
Terphenyl-d14	*88*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-11.0-0810**					
Laboratory ID:	08-175-19					
n-Nitrosodimethylamine	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Pyridine	**ND**	0.36	EPA 8270	8-31-10	9-1-10	
Phenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Aniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Chlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Benzyl alcohol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
n-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Hexachloroethane	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Nitrobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Isophorone	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Nitrophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,4-Dimethylphenol	**ND**	0.90	EPA 8270	8-31-10	9-1-10	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Naphthalene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
4-Chloroaniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Hexachlorobutadiene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Chloronaphthalene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2-Nitroaniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Dimethylphthalate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
3-Nitroaniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-11.0-0810**					
Laboratory ID:	08-175-19					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
4-Nitrophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Dibenzofuran	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Diethylphthalate	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
4-Nitroaniline	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Fluorene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
n-Nitrosodiphenylamine	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Hexachlorobenzene	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Pentachlorophenol	**ND**	0.18	EPA 8270	8-31-10	9-1-10	
Phenanthrene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Anthracene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Carbazole	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Di-n-butylphthalate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Benzidine	**ND**	0.36	EPA 8270	8-31-10	9-1-10	
Pyrene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Butylbenzylphthalate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
bis-2-Ethylhexyladipate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
3,3'-Dichlorobenzidine	**ND**	0.36	EPA 8270	8-31-10	9-1-10	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Chrysene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Di-n-octylphthalate	**ND**	0.036	EPA 8270	8-31-10	9-1-10	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270/SIM	8-31-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*74*	*22 - 107*				
Phenol-d6	*76*	*28 - 116*				
Nitrobenzene-d5	*70*	*25 - 111*				
2-Fluorobiphenyl	*69*	*35 - 108*				
2,4,6-Tribromophenol	*64*	*42 - 118*				
Terphenyl-d14	*77*	*44 - 121*				

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	MB0831S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Pyridine	**ND**	0.33	EPA 8270	8-31-10	8-31-10	
Phenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Aniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Chlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Benzyl alcohol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Hexachloroethane	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Nitrobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Isophorone	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Nitrophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,4-Dimethylphenol	**ND**	0.83	EPA 8270	8-31-10	8-31-10	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
4-Chloroaniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2-Nitroaniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Dimethylphthalate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,3-Dinitrobenzene	**ND**	0.17	EPA 8270	8-31-10	8-31-10	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
3-Nitroaniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0831S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	8-31-10	8-31-10	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
4-Nitrophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Dibenzofuran	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Diethylphthalate	**ND**	0.17	EPA 8270	8-31-10	8-31-10	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
4-Nitroaniline	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Fluorene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	8-31-10	8-31-10	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Hexachlorobenzene	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Pentachlorophenol	**ND**	0.17	EPA 8270	8-31-10	8-31-10	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Carbazole	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Di-n-butylphthalate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Benzidine	**ND**	0.33	EPA 8270	8-31-10	8-31-10	
Pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Butylbenzylphthalate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	8-31-10	8-31-10	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Chrysene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	8-31-10	8-31-10	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	8-31-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*55*	*22 - 107*				
Phenol-d6	*58*	*28 - 116*				
Nitrobenzene-d5	*55*	*25 - 111*				
2-Fluorobiphenyl	*59*	*35 - 108*				
2,4,6-Tribromophenol	*72*	*42 - 118*				
Terphenyl-d14	*79*	*44 - 121*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-175-04										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**1.00**	**0.931**	1.33	1.33	ND	75	70	31 - 111	7	27	
2-Chlorophenol	**1.13**	**1.06**	1.33	1.33	ND	85	80	36 - 106	6	32	
1,4-Dichlorobenzene	**0.495**	**0.467**	0.667	0.667	ND	74	70	25 - 96	6	42	
n-Nitroso-di-n-propylamine	**0.462**	**0.428**	0.667	0.667	ND	69	64	37 - 107	8	36	
1,2,4-Trichlorobenzene	**0.478**	**0.436**	0.667	0.667	ND	72	65	29 - 101	9	31	
4-Chloro-3-methylphenol	**1.10**	**1.00**	1.33	1.33	ND	83	75	47 - 112	10	18	
Acenaphthene	**0.547**	**0.500**	0.667	0.667	ND	82	75	43 - 104	9	19	
4-Nitrophenol	**1.29**	**1.16**	1.33	1.33	ND	97	87	24 - 133	11	18	
2,4-Dinitrotoluene	**0.592**	**0.544**	0.667	0.667	ND	89	82	42 -117	8	19	
Pentachlorophenol	**1.23**	**1.12**	1.33	1.33	ND	92	84	25 - 135	9	20	
Pyrene	**0.600**	**0.567**	0.667	0.667	ND	90	85	29 - 129	6	29	
Surrogate:											
2-Fluorophenol						*70*	*66*	*22 - 107*			
Phenol-d6						*72*	*67*	*28 - 116*			
Nitrobenzene-d5						*70*	*65*	*25 - 111*			
2-Fluorobiphenyl						*73*	*68*	*35 - 108*			
2,4,6-Tribromophenol						*81*	*75*	*42 - 118*			
Terphenyl-d14						*85*	*78*	*44 - 121*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-22-16.0-0810**					
Laboratory ID:	08-175-03					
n-Nitrosodimethylamine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Pyridine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Phenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Aniline	**ND**	4.8	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethyl)ether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Chlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,3-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,4-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Benzyl alcohol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Methylphenol (o-Cresol)	**3.6**	0.95	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroisopropyl)ether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
(3+4)-Methylphenol (m,p-Cresol)	**9.7**	0.95	EPA 8270	8-25-10	8-27-10	
n-Nitroso-di-n-propylamine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Hexachloroethane	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Nitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Isophorone	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Nitrophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dimethylphenol	**20**	0.95	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethoxy)methane	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2,4-Trichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Naphthalene	**22**	0.95	EPA 8270	8-25-10	8-27-10	
4-Chloroaniline	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Hexachlorobutadiene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Chloro-3-methylphenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Methylnaphthalene	**1.3**	0.95	EPA 8270	8-25-10	8-27-10	
1-Methylnaphthalene	**0.76**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Hexachlorocyclopentadiene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4,6-Trichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3-Dichloroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4,5-Trichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Chloronaphthalene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,4-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Dimethylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,3-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,6-Dinitrotoluene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
3-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-16.0-0810**					
Laboratory ID:	08-175-03					
2,4-Dinitrophenol	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
4-Nitrophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dinitrotoluene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Dibenzofuran	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Diethylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Chlorophenyl-phenylether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Fluorene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
4,6-Dinitro-2-methylphenol	**ND**	4.8	EPA 8270	8-25-10	8-27-10	
n-Nitrosodiphenylamine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
1,2-Diphenylhydrazine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Bromophenyl-phenylether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Hexachlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Pentachlorophenol	**ND**	4.8	EPA 8270	8-25-10	8-27-10	
Phenanthrene	**0.15**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Anthracene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Carbazole	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Di-n-butylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Benzidine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Pyrene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Butylbenzylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
bis-2-Ethylhexyladipate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
3,3'-Dichlorobenzidine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Benzo[a]anthracene	**0.022**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Chrysene	**0.025**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Di-n-octylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Benzo[b]fluoranthene	**0.017**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[k]fluoranthene	**0.017**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[a]pyrene	**0.022**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Indeno[1,2,3-cd]pyrene	**0.011**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[g,h,i]perylene	**0.015**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*14 - 95*				
Phenol-d6	*39*	*10 - 94*				
Nitrobenzene-d5	*71*	*34 - 118*				
2-Fluorobiphenyl	*75*	*40 - 111*				
2,4,6-Tribromophenol	*82*	*52 - 117*				
Terphenyl-d14	*78*	*57 - 114*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-25-16.0-0810**					
Laboratory ID:	08-175-12					
n-Nitrosodimethylamine	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Pyridine	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
Phenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Aniline	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethyl)ether	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Chlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,3-Dichlorobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,4-Dichlorobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Benzyl alcohol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,2-Dichlorobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Methylphenol (o-Cresol)	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroisopropyl)ether	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
n-Nitroso-di-n-propylamine	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Hexachloroethane	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Nitrobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Isophorone	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Nitrophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,4-Dimethylphenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethoxy)methane	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,4-Dichlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,2,4-Trichlorobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Naphthalene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
4-Chloroaniline	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
Hexachlorobutadiene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
4-Chloro-3-methylphenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
1-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
Hexachlorocyclopentadiene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,4,6-Trichlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,3-Dichloroaniline	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,4,5-Trichlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Chloronaphthalene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2-Nitroaniline	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,4-Dinitrobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Dimethylphthalate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,3-Dinitrobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,6-Dinitrotoluene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
1,2-Dinitrobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Acenaphthylene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
3-Nitroaniline	**ND**	0.99	EPA 8270	8-25-10	8-27-10	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-25-16.0-0810**					
Laboratory ID:	08-175-12					
2,4-Dinitrophenol	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
Acenaphthene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
4-Nitrophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,4-Dinitrotoluene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Dibenzofuran	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Diethylphthalate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
4-Chlorophenyl-phenylether	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
4-Nitroaniline	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Fluorene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
4,6-Dinitro-2-methylphenol	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
n-Nitrosodiphenylamine	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
1,2-Diphenylhydrazine	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
4-Bromophenyl-phenylether	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Hexachlorobenzene	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Pentachlorophenol	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
Phenanthrene	**0.12**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
Anthracene	**ND**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
Carbazole	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Di-n-butylphthalate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Fluoranthene	**0.17**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
Benzidine	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
Pyrene	**0.14**	0.099	EPA 8270/SIM	8-25-10	8-31-10	
Butylbenzylphthalate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
bis-2-Ethylhexyladipate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
3,3'-Dichlorobenzidine	**ND**	9.9	EPA 8270	8-25-10	8-27-10	
Benzo[a]anthracene	**0.064**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Chrysene	**0.076**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
bis(2-Ethylhexyl)phthalate	**1.9**	0.99	EPA 8270	8-25-10	8-27-10	
Di-n-octylphthalate	**ND**	0.99	EPA 8270	8-25-10	8-27-10	
Benzo[b]fluoranthene	**0.054**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[k]fluoranthene	**0.051**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[a]pyrene	**0.061**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Indeno[1,2,3-cd]pyrene	**0.035**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Dibenz[a,h]anthracene	**0.012**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[g,h,i]perylene	**0.039**	0.0099	EPA 8270/SIM	8-25-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*46*	*14 - 95*				
Phenol-d6	*35*	*10 - 94*				
Nitrobenzene-d5	*72*	*34 - 118*				
2-Fluorobiphenyl	*77*	*40 - 111*				
2,4,6-Tribromophenol	*78*	*52 - 117*				
Terphenyl-d14	*81*	*57 - 114*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-16.0-0810**					
Laboratory ID:	08-175-17					
n-Nitrosodimethylamine	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Pyridine	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
Phenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Aniline	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethyl)ether	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Chlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,3-Dichlorobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,4-Dichlorobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Benzyl alcohol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,2-Dichlorobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Methylphenol (o-Cresol)	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroisopropyl)ether	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
n-Nitroso-di-n-propylamine	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Hexachloroethane	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Nitrobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Isophorone	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Nitrophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,4-Dimethylphenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethoxy)methane	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,4-Dichlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,2,4-Trichlorobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Naphthalene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
4-Chloroaniline	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
Hexachlorobutadiene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
4-Chloro-3-methylphenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
1-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
Hexachlorocyclopentadiene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,4,6-Trichlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,3-Dichloroaniline	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,4,5-Trichlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Chloronaphthalene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2-Nitroaniline	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,4-Dinitrobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Dimethylphthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,3-Dinitrobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,6-Dinitrotoluene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
1,2-Dinitrobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Acenaphthylene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
3-Nitroaniline	**ND**	0.97	EPA 8270	8-25-10	8-27-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-16.0-0810**					
Laboratory ID:	08-175-17					
2,4-Dinitrophenol	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
Acenaphthene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
4-Nitrophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,4-Dinitrotoluene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Dibenzofuran	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Diethylphthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
4-Chlorophenyl-phenylether	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
4-Nitroaniline	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Fluorene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
4,6-Dinitro-2-methylphenol	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
n-Nitrosodiphenylamine	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
1,2-Diphenylhydrazine	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
4-Bromophenyl-phenylether	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Hexachlorobenzene	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Pentachlorophenol	**ND**	4.9	EPA 8270	8-25-10	8-27-10	
Phenanthrene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
Anthracene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
Carbazole	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Di-n-butylphthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Fluoranthene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
Benzidine	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
Pyrene	**ND**	0.097	EPA 8270/SIM	8-25-10	8-31-10	
Butylbenzylphthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
bis-2-Ethylhexyladipate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
3,3'-Dichlorobenzidine	**ND**	9.7	EPA 8270	8-25-10	8-27-10	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Chrysene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
bis(2-Ethylhexyl)phthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Di-n-octylphthalate	**ND**	0.97	EPA 8270	8-25-10	8-27-10	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270/SIM	8-25-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*50*	*14 - 95*				
Phenol-d6	*38*	*10 - 94*				
Nitrobenzene-d5	*80*	*34 - 118*				
2-Fluorobiphenyl	*86*	*40 - 111*				
2,4,6-Tribromophenol	*92*	*52 - 117*				
Terphenyl-d14	*95*	*57 - 114*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	**KM-29-16.0-0810**					
Laboratory ID:	08-175-20					
n-Nitrosodimethylamine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Pyridine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Phenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Aniline	**ND**	4.7	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethyl)ether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Chlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,3-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,4-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Benzyl alcohol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2-Dichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Methylphenol (o-Cresol)	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroisopropyl)ether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
n-Nitroso-di-n-propylamine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Hexachloroethane	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Nitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Isophorone	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Nitrophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dimethylphenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethoxy)methane	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2,4-Trichlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Naphthalene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
4-Chloroaniline	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Hexachlorobutadiene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Chloro-3-methylphenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
1-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Hexachlorocyclopentadiene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4,6-Trichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3-Dichloroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4,5-Trichlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Chloronaphthalene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,4-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Dimethylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,3-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,6-Dinitrotoluene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
1,2-Dinitrobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
3-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-29-16.0-0810**					
Laboratory ID:	08-175-20					
2,4-Dinitrophenol	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
4-Nitrophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,4-Dinitrotoluene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Dibenzofuran	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3,5,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
2,3,4,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Diethylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Chlorophenyl-phenylether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Nitroaniline	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Fluorene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
4,6-Dinitro-2-methylphenol	**ND**	4.7	EPA 8270	8-25-10	8-27-10	
n-Nitrosodiphenylamine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
1,2-Diphenylhydrazine	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
4-Bromophenyl-phenylether	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Hexachlorobenzene	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Pentachlorophenol	**ND**	4.7	EPA 8270	8-25-10	8-27-10	
Phenanthrene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Anthracene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Carbazole	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Di-n-butylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Benzidine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Pyrene	**ND**	0.095	EPA 8270/SIM	8-25-10	8-31-10	
Butylbenzylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
bis-2-Ethylhexyladipate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
3,3'-Dichlorobenzidine	**ND**	9.5	EPA 8270	8-25-10	8-27-10	
Benzo[a]anthracene	**0.012**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Chrysene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
bis(2-Ethylhexyl)phthalate	**7.1**	0.95	EPA 8270	8-25-10	8-27-10	
Di-n-octylphthalate	**ND**	0.95	EPA 8270	8-25-10	8-27-10	
Benzo[b]fluoranthene	**0.010**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[k]fluoranthene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[a]pyrene	**0.017**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270/SIM	8-25-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*40*	*14 - 95*				
Phenol-d6	*31*	*10 - 94*				
Nitrobenzene-d5	*65*	*34 - 118*				
2-Fluorobiphenyl	*73*	*40 - 111*				
2,4,6-Tribromophenol	*80*	*52 - 117*				
Terphenyl-d14	*90*	*57 - 114*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	MB0825W1					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Pyridine	**ND**	10	EPA 8270	8-25-10	8-27-10	
Phenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Aniline	**ND**	5.0	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Chlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Benzyl alcohol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Hexachloroethane	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Nitrobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Isophorone	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Nitrophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Naphthalene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
4-Chloroaniline	**ND**	10	EPA 8270	8-25-10	8-27-10	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2-Nitroaniline	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Dimethylphthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
3-Nitroaniline	**ND**	1.0	EPA 8270	8-25-10	8-27-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0825W1					
2,4-Dinitrophenol	**ND**	10	EPA 8270	8-25-10	8-27-10	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
4-Nitrophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Dibenzofuran	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Diethylphthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
4-Nitroaniline	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Fluorene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	8-25-10	8-27-10	
n-Nitrosodiphenylamine	**ND**	10	EPA 8270	8-25-10	8-27-10	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Hexachlorobenzene	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Pentachlorophenol	**ND**	5.0	EPA 8270	8-25-10	8-27-10	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
Anthracene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
Carbazole	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
Benzidine	**ND**	10	EPA 8270	8-25-10	8-27-10	
Pyrene	**ND**	0.10	EPA 8270/SIM	8-25-10	8-30-10	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
3,3'-Dichlorobenzidine	**ND**	10	EPA 8270	8-25-10	8-27-10	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Chrysene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	8-25-10	8-27-10	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	8-25-10	8-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*14 - 95*				
Phenol-d6	*42*	*10 - 94*				
Nitrobenzene-d5	*85*	*34 - 118*				
2-Fluorobiphenyl	*83*	*40 - 111*				
2,4,6-Tribromophenol	*90*	*52 - 117*				
Terphenyl-d14	*88*	*57 - 114*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	SB0825W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**21.9**	**19.1**	40.0	40.0	55	48	24 - 70	14	26	
2-Chlorophenol	**37.0**	**32.6**	40.0	40.0	93	82	36 - 116	13	28	
1,4-Dichlorobenzene	**16.2**	**14.8**	20.0	20.0	81	74	30 - 107	9	31	
n-Nitroso-di-n-propylamine	**17.7**	**15.6**	20.0	20.0	89	78	35 - 114	13	26	
1,2,4-Trichlorobenzene	**16.5**	**14.7**	20.0	20.0	83	74	29 - 108	12	29	
4-Chloro-3-methylphenol	**39.9**	**37.0**	40.0	40.0	100	93	56 - 108	8	17	
Acenaphthene	**17.4**	**16.2**	20.0	20.0	87	81	49 - 104	7	21	
4-Nitrophenol	**22.8**	**21.6**	40.0	40.0	57	54	17 - 86	5	23	
2,4-Dinitrotoluene	**18.7**	**17.6**	20.0	20.0	94	88	52 - 106	6	17	
Pentachlorophenol	**37.7**	**33.9**	40.0	40.0	94	85	45 - 110	11	24	
Pyrene	**17.2**	**16.7**	20.0	20.0	86	84	65 - 103	3	16	
Surrogate:										
2-Fluorophenol					*70*	*61*	*14 - 95*			
Phenol-d6					*52*	*46*	*10 - 94*			
Nitrobenzene-d5					*97*	*87*	*34 - 118*			
2-Fluorobiphenyl					*94*	*86*	*40 - 111*			
2,4,6-Tribromophenol					*99*	*93*	*52 - 117*			
Terphenyl-d14					*94*	*91*	*57 - 114*			

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-22-7.0-0810**					
Laboratory ID:	08-175-01					
Aroclor 1016	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1221	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1232	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1242	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1248	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1254	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Aroclor 1260	**ND**	0.064	EPA 8082	8-30-10	9-1-10	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*46-122*				
Client ID:	**KM-22-14.0-0810**					
Laboratory ID:	08-175-02					
Aroclor 1016	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.059	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*46-122*				
Client ID:	**KM-24-7.5-0810**					
Laboratory ID:	08-175-04					
Aroclor 1016	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*46-122*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-24-11-0810**					
Laboratory ID:	08-175-05					
Aroclor 1016	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.061	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*46-122*				
Client ID:	**KM-23-9.0-0810**					
Laboratory ID:	08-175-06					
Aroclor 1016	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*46-122*				
Client ID:	**KM-23-11.0-0810**					
Laboratory ID:	08-175-07					
Aroclor 1016	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*46-122*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-25-11.0-0810**					
Laboratory ID:	08-175-09					
Aroclor 1016	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.056	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*46-122*				
Client ID:	**KM-26-8.5-0810**					
Laboratory ID:	08-175-10					
Aroclor 1016	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.052	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*46-122*				
Client ID:	**KM-26-11.5-0810**					
Laboratory ID:	08-175-11					
Aroclor 1016	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.058	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*46-122*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-27-8.5-0810**					
Laboratory ID:	08-175-13					
Aroclor 1016	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.053	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*46-122*				
Client ID:	**KM-27-11.0-0810**					
Laboratory ID:	08-175-14					
Aroclor 1016	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1221	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1232	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1242	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1248	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1254	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Aroclor 1260	**ND**	0.059	EPA 8082	8-30-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*46-122*				
Client ID:	**KM-28-9.0-0810**					
Laboratory ID:	08-175-15					
Aroclor 1016	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.055	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*46-122*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-28-11.0-0810**					
Laboratory ID:	08-175-16					
Aroclor 1016	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1221	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1232	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1242	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1248	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1254	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Aroclor 1260	**ND**	0.055	EPA 8082	8-30-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*76*	*46-122*				
Client ID:	**KM-29-8.0-0810**					
Laboratory ID:	08-175-18					
Aroclor 1016	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1221	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1232	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1242	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1248	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1254	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Aroclor 1260	**ND**	0.053	EPA 8082	8-30-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*74*	*46-122*				
Client ID:	**KM-29-11.0-0810**					
Laboratory ID:	08-175-19					
Aroclor 1016	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1221	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1232	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1242	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1248	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1254	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Aroclor 1260	**ND**	0.054	EPA 8082	8-30-10	9-1-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*46-122*				

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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:	MB0830S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1221	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1232	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1242	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1248	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1254	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Aroclor 1260	**ND**	0.050	EPA 8082	8-30-10	8-31-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*46-122*				
Laboratory ID:	MB0830S1					
Aroclor 1016	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1221	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1232	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1242	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1248	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1254	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Aroclor 1260	**ND**	0.050	EPA 8082	8-30-10	9-1-10	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*46-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-175-10										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.410**	**0.440**	0.500	0.500	ND	**82**	**88**	36-121	7	15	
Surrogate:											
DCB						*77*	*79*	*46-122*			

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-01					
Client ID:	**KM-22-7.0-0810**					
Arsenic	**ND**	13	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.64	6010B	8-31-10	8-31-10	
Chromium	**21**	0.64	6010B	8-31-10	8-31-10	
Copper	**86**	1.3	6010B	8-31-10	8-31-10	
Lead	**190**	6.4	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.32	7471A	8-30-10	8-30-10	
Nickel	**31**	3.2	6010B	8-31-10	8-31-10	
Zinc	**110**	3.2	6010B	8-31-10	8-31-10	
Lab ID:	08-175-02					
Client ID:	**KM-22-14.0-0810**					
Arsenic	**ND**	12	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.59	6010B	8-31-10	8-31-10	
Chromium	**8.1**	0.59	6010B	8-31-10	8-31-10	
Copper	**8.8**	1.2	6010B	8-31-10	8-31-10	
Lead	**ND**	5.9	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.29	7471A	8-30-10	8-30-10	
Nickel	**6.9**	2.9	6010B	8-31-10	8-31-10	
Zinc	**18**	2.9	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-04					
Client ID:	**KM-24-7.5-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.55	6010B	8-31-10	8-31-10	
Chromium	**8.3**	0.55	6010B	8-31-10	8-31-10	
Copper	**10**	1.1	6010B	8-31-10	8-31-10	
Lead	**9.6**	5.5	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.27	7471A	8-30-10	8-30-10	
Nickel	**8.9**	2.7	6010B	8-31-10	8-31-10	
Zinc	**29**	2.7	6010B	8-31-10	8-31-10	
Lab ID:	08-175-05					
Client ID:	**KM-24-11-0810**					
Arsenic	**ND**	12	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.61	6010B	8-31-10	8-31-10	
Chromium	**8.2**	0.61	6010B	8-31-10	8-31-10	
Copper	**8.1**	1.2	6010B	8-31-10	8-31-10	
Lead	**ND**	6.1	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.30	7471A	8-30-10	8-30-10	
Nickel	**6.7**	3.0	6010B	8-31-10	8-31-10	
Zinc	**18**	3.0	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-06					
Client ID:	**KM-23-9.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.53	6010B	8-31-10	8-31-10	
Chromium	**8.6**	0.53	6010B	8-31-10	8-31-10	
Copper	**23**	1.1	6010B	8-31-10	8-31-10	
Lead	**20**	5.3	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.26	7471A	8-30-10	8-30-10	
Nickel	**9.2**	2.6	6010B	8-31-10	8-31-10	
Zinc	**36**	2.6	6010B	8-31-10	8-31-10	
Lab ID:	08-175-07					
Client ID:	**KM-23-11.0-0810**					
Arsenic	**ND**	12	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.58	6010B	8-31-10	8-31-10	
Chromium	**6.5**	0.58	6010B	8-31-10	8-31-10	
Copper	**9.6**	1.2	6010B	8-31-10	8-31-10	
Lead	**ND**	5.8	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.29	7471A	8-30-10	8-30-10	
Nickel	**7.0**	2.9	6010B	8-31-10	8-31-10	
Zinc	**17**	2.9	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-09					
Client ID:	**KM-25-11.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.56	6010B	8-31-10	8-31-10	
Chromium	**31**	0.56	6010B	8-31-10	8-31-10	
Copper	**24**	1.1	6010B	8-31-10	8-31-10	
Lead	**32**	5.6	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.28	7471A	8-30-10	8-30-10	
Nickel	**14**	2.8	6010B	8-31-10	8-31-10	
Zinc	**34**	2.8	6010B	8-31-10	8-31-10	
Lab ID:	08-175-10					
Client ID:	**KM-26-8.5-0810**					
Arsenic	**ND**	10	6010B	8-31-10	8-31-10	
Cadmium	**1.9**	0.52	6010B	8-31-10	8-31-10	
Chromium	**7.3**	0.52	6010B	8-31-10	8-31-10	
Copper	**8.1**	1.0	6010B	8-31-10	8-31-10	
Lead	**ND**	5.2	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.26	7471A	8-30-10	8-30-10	
Nickel	**8.1**	2.6	6010B	8-31-10	8-31-10	
Zinc	**23**	2.6	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-11					
Client ID:	**KM-26-11.5-0810**					
Arsenic	**ND**	12	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.58	6010B	8-31-10	8-31-10	
Chromium	**5.8**	0.58	6010B	8-31-10	8-31-10	
Copper	**8.9**	1.2	6010B	8-31-10	8-31-10	
Lead	**ND**	5.8	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.29	7471A	8-30-10	8-30-10	
Nickel	**5.8**	2.9	6010B	8-31-10	8-31-10	
Zinc	**14**	2.9	6010B	8-31-10	8-31-10	
Lab ID:	08-175-13					
Client ID:	**KM-27-8.5-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.53	6010B	8-31-10	8-31-10	
Chromium	**7.2**	0.53	6010B	8-31-10	8-31-10	
Copper	**8.8**	1.1	6010B	8-31-10	8-31-10	
Lead	**ND**	5.3	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.26	7471A	8-30-10	8-30-10	
Nickel	**7.0**	2.6	6010B	8-31-10	8-31-10	
Zinc	**14**	2.6	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-14					
Client ID:	**KM-27-11.0-0810**					
Arsenic	**ND**	12	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.59	6010B	8-31-10	8-31-10	
Chromium	**6.5**	0.59	6010B	8-31-10	8-31-10	
Copper	**9.3**	1.2	6010B	8-31-10	8-31-10	
Lead	**ND**	5.9	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.30	7471A	8-30-10	8-30-10	
Nickel	**6.4**	3.0	6010B	8-31-10	8-31-10	
Zinc	**15**	3.0	6010B	8-31-10	8-31-10	
Lab ID:	08-175-15					
Client ID:	**KM-28-9.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.55	6010B	8-31-10	8-31-10	
Chromium	**6.8**	0.55	6010B	8-31-10	8-31-10	
Copper	**8.8**	1.1	6010B	8-31-10	8-31-10	
Lead	**ND**	5.5	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.27	7471A	8-30-10	8-30-10	
Nickel	**7.6**	2.7	6010B	8-31-10	8-31-10	
Zinc	**40**	2.7	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-16					
Client ID:	**KM-28-11.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.55	6010B	8-31-10	8-31-10	
Chromium	**6.0**	0.55	6010B	8-31-10	8-31-10	
Copper	**8.4**	1.1	6010B	8-31-10	8-31-10	
Lead	**ND**	5.5	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.27	7471A	8-30-10	8-30-10	
Nickel	**6.2**	2.7	6010B	8-31-10	8-31-10	
Zinc	**17**	2.7	6010B	8-31-10	8-31-10	
Lab ID:	08-175-18					
Client ID:	**KM-29-8.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.53	6010B	8-31-10	8-31-10	
Chromium	**7.0**	0.53	6010B	8-31-10	8-31-10	
Copper	**8.9**	1.1	6010B	8-31-10	8-31-10	
Lead	**ND**	5.3	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.27	7471A	8-30-10	8-30-10	
Nickel	**8.0**	2.7	6010B	8-31-10	8-31-10	
Zinc	**15**	2.7	6010B	8-31-10	8-31-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-19					
Client ID:	**KM-29-11.0-0810**					
Arsenic	**ND**	11	6010B	8-31-10	8-31-10	
Cadmium	**ND**	0.54	6010B	8-31-10	8-31-10	
Chromium	**7.3**	0.54	6010B	8-31-10	8-31-10	
Copper	**8.1**	1.1	6010B	8-31-10	8-31-10	
Lead	**ND**	5.4	6010B	8-31-10	8-31-10	
Mercury	**ND**	0.27	7471A	8-30-10	8-30-10	
Nickel	**7.6**	2.7	6010B	8-31-10	8-31-10	
Zinc	**14**	2.7	6010B	8-31-10	8-31-10	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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

Date Extracted:	8-30&31-10
Date Analyzed:	8-30&31-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0830S4&MB0831S5

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Copper	6010B	**ND**	1.0
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Nickel	6010B	**ND**	2.5
Zinc	6010B	**ND**	2.5

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-30&31-10
Date Analyzed: 8-30&31-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-19

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**6.83**	**5.69**	18	0.50	
Copper	**7.50**	**7.50**	NA	1.0	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Nickel	**7.10**	**6.90**	3	2.5	
Zinc	**12.8**	**13.1**	2	2.5	

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

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

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

Date Extracted: 8-30&31-10
Date Analyzed: 8-30&31-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-175-19

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**92.5**	92	**91.1**	91	2	
Cadmium	50	**44.8**	90	**44.8**	90	0	
Chromium	100	**101**	94	**101**	94	0	
Copper	50	**56.9**	99	**56.2**	97	1	
Lead	250	**235**	94	**233**	93	1	
Mercury	0.50	**0.492**	98	**0.480**	96	3	
Nickel	100	**101**	94	**101**	94	0	
Zinc	100	**106**	93	**105**	93	0	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-03					
Client ID:	**KM-22-16.0-0810**					
Arsenic	**17**	3.3	200.8	8-27-10	8-27-10	
Cadmium	**ND**	4.4	200.8	8-27-10	8-27-10	
Chromium	**ND**	11	200.8	8-27-10	8-27-10	
Copper	**25**	11	200.8	8-27-10	8-27-10	
Lead	**4.5**	1.1	200.8	8-27-10	8-27-10	
Mercury	**ND**	0.50	7470A	8-27-10	8-27-10	
Nickel	**ND**	22	200.8	8-27-10	8-27-10	
Zinc	**ND**	28	200.8	8-27-10	8-27-10	
Lab ID:	08-175-12					
Client ID:	**KM-25-16.0-0810**					
Arsenic	**13**	3.3	200.8	8-27-10	8-27-10	
Cadmium	**ND**	4.4	200.8	8-27-10	8-27-10	
Chromium	**28**	11	200.8	8-27-10	8-27-10	
Copper	**34**	11	200.8	8-27-10	8-27-10	
Lead	**19**	1.1	200.8	8-27-10	8-27-10	
Mercury	**ND**	0.50	7470A	8-27-10	8-27-10	
Nickel	**20**	22	200.8	8-27-10	8-27-10	
Zinc	**55**	28	200.8	8-27-10	8-27-10	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-175-17					
Client ID:	**KM-27-16.0-0810**					
Arsenic	**ND**	3.3	200.8	8-27-10	8-27-10	
Cadmium	**ND**	4.4	200.8	8-27-10	8-27-10	
Chromium	**ND**	11	200.8	8-27-10	8-27-10	
Copper	**ND**	11	200.8	8-27-10	8-27-10	
Lead	**ND**	1.1	200.8	8-27-10	8-27-10	
Mercury	**ND**	0.50	7470A	8-27-10	8-27-10	
Nickel	**ND**	22	200.8	8-27-10	8-27-10	
Zinc	**ND**	28	200.8	8-27-10	8-27-10	
Lab ID:	08-175-20					
Client ID:	**KM-29-16.0-0810**					
Arsenic	**8.6**	3.3	200.8	8-27-10	8-27-10	
Cadmium	**ND**	4.4	200.8	8-27-10	8-27-10	
Chromium	**ND**	11	200.8	8-27-10	8-27-10	
Copper	**ND**	11	200.8	8-27-10	8-27-10	
Lead	**1.6**	1.1	200.8	8-27-10	8-27-10	
Mercury	**ND**	0.50	7470A	8-27-10	8-27-10	
Nickel	**ND**	22	200.8	8-27-10	8-27-10	
Zinc	**ND**	28	200.8	8-27-10	8-27-10	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0827W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Copper	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Nickel	200.8	**ND**	28
Zinc	200.8	**ND**	28

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-27-10
Date Analyzed:	8-27-10
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0827W1

Analyte	Method	Result	PQL
Mercury	7470A	**ND**	0.50

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-213-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**4.34**	**4.49**	4	3.3	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**ND**	**ND**	NA	11	
Copper	**24.2**	**24.6**	2	11	
Lead	**ND**	**ND**	NA	1.1	
Nickel	**ND**	**ND**	NA	28	
Zinc	**32.2**	**29.6**	8	28	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-205-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.50	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-213-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**119**	104	**123**	108	4	
Cadmium	110	**110**	100	**115**	104	4	
Chromium	110	**108**	99	**113**	103	4	
Copper	110	**132**	98	**136**	101	3	
Lead	110	**107**	98	**110**	100	2	
Nickel	110	**112**	102	**118**	107	5	
Zinc	110	**139**	97	**142**	99	2	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

TOTAL METALS
EPA 7470A
MS/MSD QUALITY CONTROL

Date Extracted: 8-27-10
Date Analyzed: 8-27-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: 08-205-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	**12.4**	99	**12.6**	101	2	

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Date of Report: September 2, 2010
Samples Submitted: August 24, 2010
Laboratory Reference: 1008-175
Project: 14697

% MOISTURE

Date Analyzed: 8-25-10

Client ID	Lab ID	% Moisture
KM-22-7.0-0810	08-175-01	22
KM-22-14.0-0810	08-175-02	15
KM-24-7.5-0810	08-175-04	9
KM-24-11-0810	08-175-05	18
KM-23-9.0-0810	08-175-06	5
KM-23-11.0-0810	08-175-07	13
KM-25-11.0-0810	08-175-09	11
KM-26-8.5-0810	08-175-10	4
KM-26-11.5-0810	08-175-11	14
KM-27-8.5-0810	08-175-13	6
KM-27-11.0-0810	08-175-14	16
KM-28-9.0-0810	08-175-15	9
KM-28-11.0-0810	08-175-16	9
KM-29-8.0-0810	08-175-18	6
KM-29-11.0-0810	08-175-19	7

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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 - The sample chromatogram is similar to mineral spirits with gas.

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

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Chain of Custody

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

Company: Amec Geomatrix
Project Number: 14697
Project Name: KellyMoore S. Warehouse
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-175

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Metals (W/HNO3) EPA 200.8/7470A	HOLD	% Moisture
1	KM-22-7.0-0810	8/23/10	940	S	6		X	X			X		X						X		X
2	KM-22-14.0-0810		945	S	6		X	X			X		X						X		↓
3	KM-22-16.0-0810		1115	W	6		X	X			X								X		
4	KM-24-7.5-0810		1140	S	6		X	X			X		X						X		X
5	KM-24-11-0810		1145	S	6		X	X			X		X						X		↓
6	KM-23-9.0-0810		1215	S	6		X	X			X		X						X		
7	KM-23-11.0-0810		1220	S	6		X	X			X		X						X		
8	KM-23-16.0-0810		1320	W	6		X	X			X								X	X	
9	KM-25-11.0-0810		1410	S	6		X	X			X		X						X		X
10	KM-26-8.5-0810	↓	1440	S	6		X	X			X		X						X		↓

	Signature	Company	Date	Time
Relinquished by	Chris Brown	Amec	8/24/10	1300
Received by	Michael Hunter	Speedy	8-24-10	1255
Relinquished by	Michael Hunter	Speedy	8-24-10	1635
Received by		OSE	8/24/10	1635
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions: Metals: As, Cd, Cu, Cr, Pb, Ni, Hg, Zn

Chromatograms with final report ☐

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 14697
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-175

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX ecy	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Metals (w/HNO3) EPA 200.8/7470A	% Moisture
11	KM-26-11.5-0810	8/23/10	1445	S	6		X	X	X		X		X						X	X
12	KM-25-16.0-0810	↓	1530	W	6		X	X	X		X		X						X	
13	KM-27-8.5-0810	8/24/10	830	S	6		X	X	X		X		X						X	X
14	KM-27-11.0-0810		840	S	6		X	X	X		X		X						X	↓
15	KM-28-9.0-0810		910	S	6		X	X	X		X		X						X	
16	KM-28-11.0-0810		915	S	6		X	X	X		X		X						X	↓
17	KM-27-16.0-0810		945	W	8		X	X	X		X		X						X	
18	KM-29-8.0-0810		1030	S	6		X	X	X		X		X						X	X
19	KM-29-11.0-0810		1045	S	6		X	X	X		X		X						X	↓
20	KM-29-16.0-0810	↓	1130	W	8		X	X	X		X		X						X	

	Signature	Company	Date	Time
Relinquished by		Amec	8/24/10	1300
Received by		Speedy	8-24-10	1255
Relinquished by		Speedy	8-24-10	1635
Received by		OSE	8/24/10	1635
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions: Metals: As, Cd, Cu, Cr, Pb, Ni, Hg, Zn

Chromatograms with final report ☐

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Chain of Custody

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

Company: Amec Geomatrix
Project Number: 14697
Project Name: Kelly Moore S. Warehouse
Project Manager: Tasya Gray
Sampled by: Chris Brown

Turnaround Request (in working days)

(Check One)

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

Laboratory Number: 08-175

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Hold % Moisture
21	KM-D1-0810	8/24/10	1135	S	2														X
22	KM-D2-0810	↓	1140	W	1														X
23	Trip blank	—	—	W	4				X										

	Signature	Company	Date	Time
Relinquished by		Amec	8/24/10	1300
Received by		Speedy	8-24-10	1255
Relinquished by		Speedy	8-24-10	1635
Received by		OSE	8/24/10	1635
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions

Chromatograms with final report ☐

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Memo

To:	Natasya Gray	Project:	0146970040.00001
From:	Crystal Neirby	cc:	Project File
Date:	May 10, 2011		

Subject: Kelly Moore Paints – Soil and Groundwater Sampling – March 2011 Summary Data Quality Review – SDGs 1103-178, 1103-194, 1103-202, 1103-217, 1103-229, and 1103-260

This memorandum presents a summary data quality review for analyses of 15 primary groundwater samples, two groundwater field duplicates, 27 primary soil samples, one soil field duplicate, one rinsate blank, and four trip blanks collected March 18 through 28, 2011. The samples were submitted to OnSite Environmental Inc. (OnSite), a laboratory located in Redmond Washington, and accredited by the Washington State Department of Ecology (Ecology). The soil and groundwater samples were analyzed for the following analytes:

- Total petroleum hydrocarbons (TPH) as gasoline by Ecology Method NWTPH-G;
- Benzene, ethylbenzene, toluene, and xylenes (BTEX) by EPA Method 8021;
- Volatile organic compounds (VOCs) by EPA Method 8260B;
- Polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 with selective ion monitoring (SIM);
- Total metals (arsenic, chromium, and lead) by EPA Method 200.8 (water samples only); and
- Polychlorinated biphenyls (PCBs) by EPA Method 8082.

The samples collected, the laboratory sample ID, and matrix as well as a summary of qualifiers added to the results from this data quality review are presented in Table 1 (attached).

The analytical results for these samples were reviewed in accordance with the requirements specified in USEPA National Functional Guidelines (EPA, 2010 and 2008), the analytical methods referenced by the laboratory, AMEC data review procedures, the quality assurance project plan (AMEC, 2010), and the laboratory quality control limits. The EPA guidelines referenced above were written specifically for the Contract Laboratory Program, and have been modified for the purposes of this data quality review where they differ from EPA SW-846 method requirements.

The certified laboratory reports were reviewed to assess the following: chain of custody compliance; holding time compliance; presence or absence of laboratory contamination as demonstrated by method and trip blanks; blank spike samples (BS) and blank spike duplicates (BSD), and matrix spike (MS) and matrix spike duplicate (MSD) samples; analytical precision as the relative percent (%) difference between replicate sample results (i.e., laboratory and field

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duplicates) or MS and MSD samples. This data quality review did not include validation of the raw analytical data.

Samples were submitted to OnSite either the day of collection, or the day after collection. The cooler temperatures were recorded upon receipt and were below the maximum acceptable temperature of 6°C. The following was noted by the laboratory upon receipt.

SDG 1103-194: Sample KM-36-0311-6 was labeled KM-36-0311-6.5 on the chain-of-custody (COC). Sample KM-37-0311-2 was labeled differently on the jars as well. After confirmation with AMEC the laboratory labeled the samples according the COC and proceeded with analysis.

SDG 1103-217: Sample KM-30-0311-S was mislabeled on one VOC vial. After confirmation with AMEC, the laboratory labeled the sample according to the COC and proceeded with analysis.

Soil samples analyzed for TPH as gasoline, BTEX, and VOCs were collected according to EPA Method 5035A. As indicated by the laboratory, the samples were submitted in preweighed 40-milliliter (mL) vials within 48 hours of collection and stored frozen until extraction or analysis.

Samples were analyzed for the methods identified in the introduction to this report and were evaluated for the following criteria.

1. Holding Times – Acceptable
2. Blanks – Acceptable except as noted:

   A trip blank was not submitted with soil samples associated with SDGs 1103-178 and 1103-194 and analyzed for TPH gasoline, BTEX, or VOCs as stated in the method and in the project QAPP. The sample results were not qualified. The remaining trip blanks were free of contamination with the following exceptions.

   VOCs by EPA 8260B: Chloroform, bromodichloromethane, and dibromochloromethane were detected in the trip blanks associated with SDGs 1103-202 and 1103-217 at concentrations ranging from of 0.21 to 0.97 µg/L and methylene chloride was detected in the trip blanks associated with SDGs 1103-229 and 1103-260 at a concentrations of 4.6 and 4.5 µg/L, respectively. The affected analytes were not detected in the associated samples; therefore, results are not affected and are not qualified.

   One rinsate blank was submitted with samples collected on March 24, 2011 and was analyzed for PCBs. The rinsate blank was free of contamination.

3. BS/BSD – Acceptable

   The laboratory did not report blank spike results if acceptable MS/MSD or laboratory duplicate results were reported, following its standard operating procedure. The BS results that were provided by the laboratory were within the laboratory control limits.

4. MS/MSD – Acceptable

   Extra volume was submitted with sample KM-39-0311-W associated with SDG 1103-229 for MS/MSD analysis. However, the laboratory did not perform MS/MSD analyses for VOCs, PAHs, or PCBs with this sample. The laboratory stated in the case narrative that the necessary dilution required for PAH analysis prevented them from reporting the MS/MSD results. An explanation was not provided for the remaining analyses.

   MS/MSD results performed with project samples and provided by the laboratory were within laboratory control limits.

5. Surrogates – Acceptable except as noted:

   Water PAHs by EPA 8270D-SIM: the recovery for surrogate 2-fluorobiphenyl in sample KM-37-0311-W was 37 percent, less than the control limits of 38 to 105 percent. Following the laboratory SOP, the sample was not reanalyzed. The results are qualified as estimated due to the possible low analytical bias, with detections flagged with a "J" and non-detects flagged with a "UJ".

   Water VOCs by EPA 8260B: the recovery for surrogate 4-bromofluorobenzene in samples KM-41-0311-W and KM-41-0311-W-D was 108 percent, greater than the control limits of 65 to 104 percent. The samples were not reanalyzed, following the laboratory SOP. The detected compounds in the sample were qualified as estimated due to the possible high analytical bias and flagged with a "J".

   Soil TPH-G by NWTPH-G: the surrogate, fluorobenzene, was not recovered in samples KM-30-0311-5 and KM-41-0311-4.5 due to the dilutions required to quantitate high analyte concentrations. The sample results are not qualified due to the necessary high dilutions.

   Soil PCBs by EPA 8082: the surrogate, decachlorobiphenyl, was not recovered in samples KM-41-0311-3 and KM-41-0311-4.5 due to the dilutions required to quantitate high analyte concentrations. The sample results are not qualified due to the necessary high dilutions.

   Soil PAHs by EPA 8270D-SIM: the recovery for surrogate 2-fluorobiphenyl in sample KM-41-0311-3 was 37 percent, less than the control limits of 43 to 109 percent. The sample was not analyzed, following the laboratory SOP. The results are qualified as estimated due to the possible low analytical bias, with detections flagged with a "J" and non-detects flagged with a "UJ".

6. Laboratory Duplicates – Acceptable

   Two groundwater field duplicates were collected during this sampling event, meeting the project frequency requirement of one duplicate for every 20 samples. Primary and duplicate results are summarized in the table below. The relative percent difference (RPD) is not calculated if the primary and duplicate results are not greater than five times the reporting limit, as indicated on the table below with "NC". The

field duplicate RPDs are within the project-specific control limit of 30 percent (50 percent for soils) for concentrations greater than five times the reporting limit, or ± the reporting limit for sample concentrations less than five times the reporting limit, with one exception. The difference in the naphthalene results for primary and duplicate pair KM-41-0311-W and KM-41-0311-W-D is greater than the value of the reporting limit. The naphthalene results in samples KM-41-0311-W and KM-41-0311-W-D are qualified as estimated and flagged with a "J".

Sample ID/ Field Duplicate ID	Analyte	Primary Result (µg/L)	Duplicate Result (µg/L)	RL (µg/L)	RPD (%)
KMW-03-0311/KM-03-0311-D	benzene	8.1	8.4	1.0	4
	ethylbenzene	3100	2700	2.0	14
	m,p-xylene	18	18	2.0	0
	TPH-G	7700	7000	2.0	10
KM-39-0311-2.5/KM-39-0311-2.5-D	benzene	0.53	0.47	0.063	12
	toluene	4.8	4.9	0.31	2
	ethylbenzene	26	20	0.31	26
	m,p-xylene	49	42	1.3	15
	TPH-G	4800	4900	130	2
	naphthalene	5.6	5.8	0.36	4
	2-methylnaphthalene	10	11	0.36	10
	1-methylnaphthalene	6.7	7.1	0.36	6
	acenaphthene	2.7	2.6	0.36	4
	fluorene	1.8	1.9	0.36	5
	phenanthrene	4.0	4.2	0.36	5
	anthracene	0.72	0.77	0.36	7
	fluoranthene	1.9	2.2	0.36	15
	pyrene	1.7	2.0	0.36	16
	benzo(a)anthracene	0.56	0.56	0.36	NC
	chrysene	0.77	0.76	0.36	NC
	benzo(b)anthracene	0.47	0.45	0.36	NC
	benzo(k)anthracene	0.40	ND	0.36	NC
	benzo(a)pyrene	0.40	0.42	0.36	NC
	aroclor 1260	0.15	0.19	0.055	NC

Sample ID/ Field Duplicate ID	Analyte	Primary Result (µg/L)	Duplicate Result (µg/L)	RL (µg/L)	RPD (%)
KM-41-0311-W/KM-41-0311-W-D	TPH-G	4400	5700	400	26
	benzene	23	23	0.40	0
	toluene	2.4	2.5	2.0	4
	ethylbenzene	9.6	9.9	0.40	3
	m,p-xylene	26	27	0.80	4
	o-xylene	9.1	9.2	0.40	1
	isopropylbenzene	24	24	0.40	0
	n-propylbenzene	30	30	0.40	0
	1,3,5-trimethylbenzene	1.3	1.3	0.40	0
	tert-butylbenzene	0.57	0.57	0.40	NC
	1,2,4-trimethylbenzene	6.0	6.1	0.40	2
	sec-butylbenzene	4.4	4.3	0.40	2
	p-isopropyltoluene	0.52	0.51	0.40	NC
	n-butylbenzene	4.8	5.0	0.40	4
	naphthalene	92	97	2.0	5
	naphthalene	27	42	9.5	**NC**
	2-methylnaphthalene	22	29	9.5	NC
	1-methylnaphthalene	18	23	9.5	NC
	arsenic	11	11	3.3	NC
	lead	60	66	1.1	10

Notes: NC = Not Calculated
Bolded values exceed the RPD criteria.

7. Reporting Limits and Laboratory Flags – Acceptable except as noted:

OVERALL ASSESSMENT OF DATA

The OnSite SDGs 1103-178, 1103-194, 1103-202, 1103-217, 1103-229, and 1103-260 is 100 percent complete. The data usability is based on EPA's guidance documents. Few problems were identified, and the analytical performance was generally within specified limits. The data are acceptable and meet the project's data quality objectives.

REFERENCES

EPA, 2008, U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-08-001, June.

EPA, 2010, U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review: EPA 540-R-10-011, January.

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Sample ID	Laboratory Sample ID/Matrix	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KMW-04-0311-2	1103-178-1 soil	none			
KMW-04-0311-4.5	1103-178-2 soil	none			
KMW-02-0311-5	1103-178-3 soil	none			
KM-34-0311-2	1103-194-1 soil	none			
KM-34-0311-4	1103-194-2 soil	none			
KM-34-0311-W	1103-194-3 water	none			
KM-40-0311-2	1103-194-4 soil	none			
KM-40-0311-4.5	1103-194-5 soil	none			
KM-36-0311-2	1103-194-6 soil	none			
KM-36-0311-6	1103-194-7 soil	none			
KM-36-0311-W	1103-194-8 water	none			
KM-37-0311-2	1103-194-9 soil	none			
KM-37-0311-5	1103-194-10 soil	none			
KM-37-0311-W	1103-194-11 water	all PAHs	J or UJ	µg/L	surrogate recovery
KM-35-0311-2	1103-202-1 soil	none			
KM-35-0311-6.5	1103-202-2 soil	none			
KM-35-0311-W	1103-202-3 water	none			
KM-33-0311-4	1103-202-4 soil	none			
KM-33-0311-W	1103-202-5 water	none			
KM-31-0311-3	1103-202-6 soil	none			
KM-31-0311-W	1103-202-7 water	none			
KM-32-0311-3	1103-202-8 soil	none			
KM-32-0311-W	1103-202-9 water	none			
TB-032211-W	1103-202-10 trip blank	none			
TB-032311	1103-217-1 trip blank	none			
KM-30-0311-2	1103-217-2 soil	none			
KM-30-0311-5	1103-217-3 soil	none			
KM-30-0311-W	1103-217-4 water	none			
KM-38-0311-2	1103-217-5 soil	none			
KM-38-0311-5	1103-217-6 soil	none			
KM-43-0311-2	1103-217-7 soil	none			
KM-39-0311-2.5	1103-229-1 soil	none			
KM-39-0311-2.5-D	1103-229-2 soil	none			
KM-39-0311-5	1103-229-3 soil	none			
KM-39-0311-W	1103-229-4 water	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Sample ID	Laboratory Sample ID/Matrix	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KM-0311-Rinsate	1103-229-5 rinsate blank	none			
KM-41-0311-3	1103-229-6 soil	all PAHs	J or UJ	µg/kg	surrogate recovery
KM-41-0311-4.5	1103-229-7 soil	none			
KM-41-0311-W	1103-229-8 water	benzene	23 J	µg/L	surrogate
		toluene	2.4 J	"	recovery
		ethylbenzene	9.6 J	"	"
		m,p-xylene	26 J	"	"
		o-xylene	9.1 J	"	"
		isopropylbenzene	24 J	"	"
		n-propylbenzene	30 J	"	"
		1,3,5-trimethylbenzene	1.3 J	"	"
		tert-butylbenzene	0.57 J	"	"
		1,2,4-trimethylbenzene	6.0 J	"	"
		sec-butylbenzene	4.4 J	"	"
		p-isopropyltoluene	0.52 J	"	"
		n-butylbenzene	4.8 J	"	"
		naphthalene	92 J	"	"
		naphthalene	27 J	"	field dup. RPD
KM-41-0311-W-D	1103-229-9 water	benzene	23 J	µg/L	surrogate
		toluene	2.5 J	"	recovery
		ethylbenzene	9.9 J	"	"
		m,p-xylene	27 J	"	"
		o-xylene	9.2 J	"	"
		isopropylbenzene	24 J	"	"
		n-propylbenzene	30 J	"	"
		1,3,5-trimethylbenzene	1.3 J	"	"
		tert-butylbenzene	0.57 J	"	"
		1,2,4-trimethylbenzene	6.1 J	"	"
		sec-butylbenzene	4.3 J	"	"
		p-isopropyltoluene	0.51 J	"	"
		n-butylbenzene	5.0 J	"	"
		naphthalene	97 J	"	"
		naphthalene	42 J	"	field dup. RPD
KM-42-0311-2	1103-229-10 soil	none			
KM-42-0311-5	1103-229-11 soil	none			
TB-032411	1103-229-12 trip blank	none			
TB-032811	1103-260-1 trip blank	none			
KMW-05-0311	1103-260-2 water	none			

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Former Kelly-Moore Manufacturing Facility

Seattle, Washington

Sample ID	Laboratory Sample ID/Matrix	Qualified Analyte	Qualified Result	Units	Qualifier Reason
KMW-03-0311	1103-260-3 water	none			
KMW-03-0311-D	1103-260-4 water	none			
KMW-02-0311	1103-260-5 water	none			
KMW-01-0311	1103-260-6 water	none			
KMW-04-0311	1103-260-7 water	none			

OnSite Environmental Inc.

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

March 25, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 014697-0030
Laboratory Reference No. 1103-178

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 18, 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

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

Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

Case Narrative

Samples were collected on March 17 and 18, 2011 and received by the laboratory on March 18, 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/BTEX 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.

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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-04-0311-2**					
Laboratory ID:	03-178-01					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**0.079**	0.053	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**1.2**	0.053	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**0.65**	0.053	EPA 8021	3-23-11	3-23-11	
o-Xylene	**0.085**	0.053	EPA 8021	3-23-11	3-23-11	
Gasoline	**27**	5.3	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-124*				
Client ID:	**KMW-04-0311-4.5**					
Laboratory ID:	03-178-02					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.053	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.053	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.053	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.053	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.3	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*68-124*				

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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S1					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.0	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*68-124*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-202-06										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*94*	*97*	*68-124*			
SPIKE BLANKS											
Laboratory ID:	SB0323S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.966**	**0.950**	1.00	1.00		**97**	**95**	77-114	2	9	
Toluene	**1.02**	**1.01**	1.00	1.00		**102**	**101**	80-115	1	9	
Ethyl Benzene	**1.05**	**1.04**	1.00	1.00		**105**	**104**	80-118	1	9	
m,p-Xylene	**1.01**	**1.01**	1.00	1.00		**101**	**101**	82-118	0	9	
o-Xylene	**1.00**	**1.01**	1.00	1.00		**100**	**101**	82-116	1	9	
Surrogate:											
Fluorobenzene						*94*	*93*	*68-124*			

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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

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:	**KMW-04-0311-2**					
Laboratory ID:	03-178-01					
Naphthalene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*43 - 109*				
Pyrene-d10	*83*	*38 - 128*				
Terphenyl-d14	*81*	*33 - 119*				

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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

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:	**KMW-04-0311-4.5**					
Laboratory ID:	03-178-02					
Naphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*43 - 109*				
Pyrene-d10	*90*	*38 - 128*				
Terphenyl-d14	*77*	*33 - 119*				

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

Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

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:	**KMW-02-0311-5**					
Laboratory ID:	03-178-03					
Naphthalene	**0.015**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**0.026**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**0.012**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**0.15**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**0.030**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**0.35**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**0.31**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**0.23**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**0.34**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**0.42**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**0.30**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**0.35**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**0.30**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**0.11**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**0.38**	0.0085	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*83*	*43 - 109*				
Pyrene-d10	*90*	*38 - 128*				
Terphenyl-d14	*85*	*33 - 119*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

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:	MB0323S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*43 - 109*				
Pyrene-d10	*87*	*38 - 128*				
Terphenyl-d14	*89*	*33 - 119*				

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Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

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:	SB0323S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0470**	**0.0519**	0.0833	0.0833	56	62	43 - 108	10	27	
Acenaphthylene	**0.0555**	**0.0666**	0.0833	0.0833	67	80	52 - 120	18	21	
Acenaphthene	**0.0597**	**0.0662**	0.0833	0.0833	72	79	59 - 113	10	17	
Fluorene	**0.0644**	**0.0691**	0.0833	0.0833	77	83	64 - 117	7	14	
Phenanthrene	**0.0655**	**0.0691**	0.0833	0.0833	79	83	67 - 112	5	12	
Anthracene	**0.0578**	**0.0623**	0.0833	0.0833	69	75	59 - 110	7	16	
Fluoranthene	**0.0669**	**0.0709**	0.0833	0.0833	80	85	68 - 120	6	15	
Pyrene	**0.0691**	**0.0746**	0.0833	0.0833	83	90	69 - 121	8	17	
Benzo[a]anthracene	**0.0625**	**0.0659**	0.0833	0.0833	75	79	63 - 114	5	12	
Chrysene	**0.0678**	**0.0718**	0.0833	0.0833	81	86	67 - 118	6	12	
Benzo[b]fluoranthene	**0.0591**	**0.0654**	0.0833	0.0833	71	79	58 - 125	10	20	
Benzo[k]fluoranthene	**0.0525**	**0.0590**	0.0833	0.0833	63	71	42 - 134	12	26	
Benzo[a]pyrene	**0.0542**	**0.0584**	0.0833	0.0833	65	70	55 - 111	7	19	
Indeno(1,2,3-c,d)pyrene	**0.0607**	**0.0653**	0.0833	0.0833	73	78	60 - 125	7	20	
Dibenz[a,h]anthracene	**0.0625**	**0.0671**	0.0833	0.0833	75	81	62 - 125	7	19	
Benzo[g,h,i]perylene	**0.0638**	**0.0681**	0.0833	0.0833	77	82	61 - 124	7	19	
Surrogate:										
2-Fluorobiphenyl					*64*	*72*	*43 - 109*			
Pyrene-d10					*80*	*85*	*38 - 128*			
Terphenyl-d14					*76*	*81*	*33 - 119*			

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

Date of Report: March 25, 2011
Samples Submitted: March 18, 2011
Laboratory Reference: 1103-178
Project: 014697-0030

% MOISTURE

Date Analyzed: 3-23-11

Client ID	Lab ID	% Moisture
KMW-04-0311-2	03-178-01	7
KMW-04-0311-4.5	03-178-02	9
KMW-02-0311-5	03-178-03	21

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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

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Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 01469700030
Project Name: Kelly Moore Paint
Project Manager: Tasya Gray
Sampled by: Shauna Mikelich

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: 03-178

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx *	NWTPH-Dx	Volatiles 8260B *	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	KMW-04-0311-2	3/17/11	0952	Soil	7		X	X		X			X								X
2	KMW-04-0311-4.5	3/17/11	0956	Soil	7		X	X		X			X								
3	KMW-02-0311-5	3/17/11	1109	Soil	1								X								

3/18/11

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/18/11	1540
Received		OE Site Fu	3/18/11	1540
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* Hold TPH & VOCs for
KMW-04-0311-2
KMW-04-0311-4.5

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

March 30, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 0146970030
Laboratory Reference No. 1103-194

Dear Tasya:

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

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

Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

Case Narrative

Samples were collected on March 21, 2011 and received by the laboratory on March 21, 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/BTEX (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.

The chromatograms for samples KM-36-0311-6, KM-37-0311-2 and KM-37-0311-5 are similar to mineral spirits. The chromatogram for sample KM-36-0311-2 is similar to mineral spirits with gasoline. The chromatograms for samples KM-40-0311-2 and KM-40-0311-4.5 are similar to mineral spirits in addition to three unidentified peaks.

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 Gx/BTEX (water) Analysis

The NWTPH-Gx response for samples KM-34-0311-W and KM-37-0311-W is mainly attributed to three unidentified peaks. The chromatogram for sample KM-36-0311-W is similar to mineral spirits in addition to aforementioned peaks.

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 (water) Analysis

Sample KM-37-0311-W had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-34-0311-2**					
Laboratory ID:	03-194-01					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.054	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.054	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.054	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.054	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.4	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***68-124***				
Client ID:	**KM-34-0311-4**					
Laboratory ID:	03-194-02					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.052	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.052	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.052	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.052	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.2	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***98***	***68-124***				
Client ID:	**KM-40-0311-2**					
Laboratory ID:	03-194-04					
Benzene	**0.58**	0.029	EPA 8021	3-23-11	3-24-11	
Toluene	**0.56**	0.15	EPA 8021	3-23-11	3-24-11	
Ethyl Benzene	**7.1**	0.15	EPA 8021	3-23-11	3-24-11	
m,p-Xylene	**25**	0.36	EPA 8021	3-23-11	3-24-11	
o-Xylene	**0.22**	0.15	EPA 8021	3-23-11	3-24-11	
Gasoline	**250**	15	NWTPH-Gx	3-23-11	3-24-11	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***94***	***68-124***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-40-0311-4.5**					
Laboratory ID:	03-194-05					
Benzene	**0.30**	0.065	EPA 8021	3-23-11	3-24-11	
Toluene	**1.8**	0.32	EPA 8021	3-23-11	3-24-11	
Ethyl Benzene	**2.7**	0.32	EPA 8021	3-23-11	3-24-11	
m,p-Xylene	**9.1**	0.32	EPA 8021	3-23-11	3-24-11	
o-Xylene	**0.33**	0.32	EPA 8021	3-23-11	3-24-11	
Gasoline	**280**	32	NWTPH-Gx	3-23-11	3-24-11	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***68-124***				
Client ID:	**KM-36-0311-2**					
Laboratory ID:	03-194-06					
Benzene	**1.9**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**0.53**	0.061	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**0.32**	0.061	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**3.2**	0.061	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.31	EPA 8021	3-23-11	3-23-11	U1
Gasoline	**360**	6.1	NWTPH-Gx	3-23-11	3-23-11	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***68-124***				
Client ID:	**KM-36-0311-6**					
Laboratory ID:	03-194-07					
Benzene	**0.065**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.061	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.061	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**0.20**	0.061	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.31	EPA 8021	3-23-11	3-23-11	U1
Gasoline	**94**	6.1	NWTPH-Gx	3-23-11	3-23-11	Z3
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***68-124***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-37-0311-2**					
Laboratory ID:	03-194-09					
Benzene	**0.098**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.083	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.083	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**0.35**	0.083	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.083	EPA 8021	3-23-11	3-23-11	
Gasoline	**28**	8.3	NWTPH-Gx	3-23-11	3-23-11	Z3
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***105***	***68-124***				
Client ID:	**KM-37-0311-5**					
Laboratory ID:	03-194-10					
Benzene	**0.077**	0.027	EPA 8021	3-23-11	3-25-11	
Toluene	**ND**	0.13	EPA 8021	3-23-11	3-25-11	
Ethyl Benzene	**ND**	0.13	EPA 8021	3-23-11	3-25-11	
m,p-Xylene	**0.23**	0.13	EPA 8021	3-23-11	3-25-11	
o-Xylene	**ND**	0.13	EPA 8021	3-23-11	3-25-11	
Gasoline	**81**	13	NWTPH-Gx	3-23-11	3-25-11	Z3
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***93***	***68-124***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S2					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.0	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***96***	***68-124***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-202-08										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***101***	***104***	***68-124***			
SPIKE BLANKS											
Laboratory ID:	SB0323S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.966**	**0.950**	1.00	1.00		**97**	**95**	77-114	2	9	
Toluene	**1.02**	**1.01**	1.00	1.00		**102**	**101**	80-115	1	9	
Ethyl Benzene	**1.05**	**1.04**	1.00	1.00		**105**	**104**	80-118	1	9	
m,p-Xylene	**1.01**	**1.01**	1.00	1.00		**101**	**101**	82-118	0	9	
o-Xylene	**1.00**	**1.01**	1.00	1.00		**100**	**101**	82-116	1	9	
Surrogate:											
Fluorobenzene						***94***	***93***	***68-124***			

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-34-0311-W**					
Laboratory ID:	03-194-03					
Benzene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
Toluene	**1.4**	1.0	EPA 8021	3-22-11	3-22-11	
Ethyl Benzene	**13**	1.0	EPA 8021	3-22-11	3-22-11	
m,p-Xylene	**56**	1.0	EPA 8021	3-22-11	3-22-11	
o-Xylene	**18**	1.0	EPA 8021	3-22-11	3-22-11	
Gasoline	**190**	100	NWTPH-Gx	3-22-11	3-22-11	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***73-121***				
Client ID:	**KM-36-0311-W**					
Laboratory ID:	03-194-08					
Benzene	**93**	10	EPA 8021	3-22-11	3-22-11	
Toluene	**ND**	10	EPA 8021	3-22-11	3-22-11	
Ethyl Benzene	**4700**	100	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**1400**	100	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	50	EPA 8021	3-22-11	3-22-11	U1
Gasoline	**31000**	1000	NWTPH-Gx	3-22-11	3-22-11	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***103***	***73-121***				
Client ID:	**KM-37-0311-W**					
Laboratory ID:	03-194-11					
Benzene	**35**	10	EPA 8021	3-22-11	3-22-11	
Toluene	**ND**	10	EPA 8021	3-22-11	3-22-11	
Ethyl Benzene	**5100**	250	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**10000**	250	EPA 8021	3-23-11	3-23-11	
o-Xylene	**1600**	250	EPA 8021	3-23-11	3-23-11	
Gasoline	**38000**	1000	NWTPH-Gx	3-22-11	3-22-11	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***104***	***73-121***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0322W1					
Benzene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
Toluene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
o-Xylene	**ND**	1.0	EPA 8021	3-22-11	3-22-11	
Gasoline	**ND**	100	NWTPH-Gx	3-22-11	3-22-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***106***	***73-121***				
Laboratory ID:	MB0323W3					
Benzene	**ND**	1.0	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	1.0	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	1.0	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	100	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***104***	***73-121***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-194-03										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**1.40**	**1.48**	NA	NA		NA		NA	6	30	
Ethyl Benzene	**13.2**	**12.9**	NA	NA		NA		NA	2	30	
m,p-Xylene	**56.4**	**52.9**	NA	NA		NA		NA	6	30	
o-Xylene	**18.1**	**17.5**	NA	NA		NA		NA	3	30	
Gasoline	**191**	**188**	NA	NA		NA		NA	2	30	
Surrogate:											
Fluorobenzene						***100***	***97***	***73-121***			
MATRIX SPIKES											
Laboratory ID:	03-194-03										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**51.8**	**54.3**	50.0	50.0	ND	**104**	**109**	82-120	5	8	
Toluene	**55.2**	**57.8**	50.0	50.0	1.40	**108**	**113**	84-119	5	8	
Ethyl Benzene	**67.2**	**70.4**	50.0	50.0	13.2	**108**	**114**	84-122	5	9	
m,p-Xylene	**106**	**109**	50.0	50.0	56.4	**99**	**105**	85-121	3	9	
o-Xylene	**69.4**	**72.0**	50.0	50.0	18.1	**103**	**108**	84-121	4	9	
Surrogate:											
Fluorobenzene						***94***	***103***	***73-121***			

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-34-0311-2**					
Laboratory ID:	03-194-01					
Naphthalene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0069	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***84***	***43 - 109***				
Pyrene-d10	***90***	***38 - 128***				
Terphenyl-d14	***81***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-34-0311-4**					
Laboratory ID:	03-194-02					
Naphthalene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0070	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***81***	***43 - 109***				
Pyrene-d10	***91***	***38 - 128***				
Terphenyl-d14	***82***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-36-0311-2**					
Laboratory ID:	03-194-06					
Naphthalene	**0.0087**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.0091**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.0084**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***43 - 109***				
Pyrene-d10	***91***	***38 - 128***				
Terphenyl-d14	***81***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-36-0311-6**					
Laboratory ID:	03-194-07					
Naphthalene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.020**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.016**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***84***	***43 - 109***				
Pyrene-d10	***86***	***38 - 128***				
Terphenyl-d14	***84***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-37-0311-2**					
Laboratory ID:	03-194-09					
Naphthalene	**0.025**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.036**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.035**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**0.012**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**0.072**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**0.012**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.082**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.082**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.035**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.064**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.050**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.040**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.050**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.048**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**0.014**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.066**	0.0089	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***71***	***43 - 109***				
Pyrene-d10	***66***	***38 - 128***				
Terphenyl-d14	***70***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-37-0311-5**					
Laboratory ID:	03-194-10					
Naphthalene	**ND**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.013**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.0090**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**0.027**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.058**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.084**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.036**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.054**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.041**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.043**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.052**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.045**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**0.010**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.067**	0.0074	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***72***	***43 - 109***				
Pyrene-d10	***71***	***38 - 128***				
Terphenyl-d14	***72***	***33 - 119***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	MB0323S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***43 - 109***				
Pyrene-d10	***87***	***38 - 128***				
Terphenyl-d14	***89***	***33 - 119***				

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

Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	SB0323S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0470**	**0.0519**	0.0833	0.0833	56	62	43 - 108	10	27	
Acenaphthylene	**0.0555**	**0.0666**	0.0833	0.0833	67	80	52 - 120	18	21	
Acenaphthene	**0.0597**	**0.0662**	0.0833	0.0833	72	79	59 - 113	10	17	
Fluorene	**0.0644**	**0.0691**	0.0833	0.0833	77	83	64 - 117	7	14	
Phenanthrene	**0.0655**	**0.0691**	0.0833	0.0833	79	83	67 - 112	5	12	
Anthracene	**0.0578**	**0.0623**	0.0833	0.0833	69	75	59 - 110	7	16	
Fluoranthene	**0.0669**	**0.0709**	0.0833	0.0833	80	85	68 - 120	6	15	
Pyrene	**0.0691**	**0.0746**	0.0833	0.0833	83	90	69 - 121	8	17	
Benzo[a]anthracene	**0.0625**	**0.0659**	0.0833	0.0833	75	79	63 - 114	5	12	
Chrysene	**0.0678**	**0.0718**	0.0833	0.0833	81	86	67 - 118	6	12	
Benzo[b]fluoranthene	**0.0591**	**0.0654**	0.0833	0.0833	71	79	58 - 125	10	20	
Benzo[k]fluoranthene	**0.0525**	**0.0590**	0.0833	0.0833	63	71	42 - 134	12	26	
Benzo[a]pyrene	**0.0542**	**0.0584**	0.0833	0.0833	65	70	55 - 111	7	19	
Indeno(1,2,3-c,d)pyrene	**0.0607**	**0.0653**	0.0833	0.0833	73	78	60 - 125	7	20	
Dibenz[a,h]anthracene	**0.0625**	**0.0671**	0.0833	0.0833	75	81	62 - 125	7	19	
Benzo[g,h,i]perylene	**0.0638**	**0.0681**	0.0833	0.0833	77	82	61 - 124	7	19	
Surrogate:										
2-Fluorobiphenyl					***64***	***72***	***43 - 109***			
Pyrene-d10					***80***	***85***	***38 - 128***			
Terphenyl-d14					***76***	***81***	***33 - 119***			

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-34-0311-W**					
Laboratory ID:	03-194-03					
Naphthalene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
2-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
1-Methylnaphthalene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthylene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Fluorene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Phenanthrene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Anthracene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Fluoranthene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Pyrene	**ND**	0.099	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Chrysene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270/SIM	3-22-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***84***	***38 - 105***				
Pyrene-d10	***89***	***37 - 121***				
Terphenyl-d14	***87***	***32 - 112***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 21, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-36-0311-W**					
Laboratory ID:	03-194-08					
Naphthalene	**3.6**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
2-Methylnaphthalene	**1.1**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
1-Methylnaphthalene	**0.91**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthene	**0.43**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Phenanthrene	**0.20**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]anthracene	**0.035**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Chrysene	**0.042**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[b]fluoranthene	**0.027**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[k]fluoranthene	**0.021**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]pyrene	**0.032**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**0.032**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[g,h,i]perylene	**0.050**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***47***	***38 - 105***				
Pyrene-d10	***47***	***37 - 121***				
Terphenyl-d14	***48***	***32 - 112***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	**KM-37-0311-W**					
Laboratory ID:	03-194-11					
Naphthalene	**4.6**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
2-Methylnaphthalene	**0.73**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
1-Methylnaphthalene	**0.50**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthylene	**ND**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthene	**0.12**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Fluorene	**ND**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Phenanthrene	**0.17**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Anthracene	**ND**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Fluoranthene	**0.10**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Pyrene	**0.10**	0.098	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]anthracene	**0.043**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Chrysene	**0.053**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[b]fluoranthene	**0.032**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[k]fluoranthene	**0.026**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]pyrene	**0.035**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**0.027**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[g,h,i]perylene	**0.037**	0.0098	EPA 8270/SIM	3-22-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***37***	***38 - 105***				Q
Pyrene-d10	***46***	***37 - 121***				
Terphenyl-d14	***44***	***32 - 112***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	MB0322W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	3-22-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***88***	***38 - 105***				
Pyrene-d10	***93***	***37 - 121***				
Terphenyl-d14	***93***	***32 - 112***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

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:	SB0322W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.333**	**0.352**	0.500	0.500	67	70	38 - 110	6	35	
Acenaphthylene	**0.344**	**0.371**	0.500	0.500	69	74	47 - 120	8	30	
Acenaphthene	**0.356**	**0.386**	0.500	0.500	71	77	46 - 113	8	26	
Fluorene	**0.375**	**0.403**	0.500	0.500	75	81	60 - 104	7	25	
Phenanthrene	**0.361**	**0.404**	0.500	0.500	72	81	61 - 99	11	19	
Anthracene	**0.350**	**0.382**	0.500	0.500	70	76	55 - 122	9	19	
Fluoranthene	**0.357**	**0.425**	0.500	0.500	71	85	58 - 129	17	18	
Pyrene	**0.355**	**0.403**	0.500	0.500	71	81	57 - 126	13	22	
Benzo[a]anthracene	**0.353**	**0.399**	0.500	0.500	71	80	51 - 124	12	18	
Chrysene	**0.367**	**0.417**	0.500	0.500	73	83	53 - 123	13	20	
Benzo[b]fluoranthene	**0.340**	**0.397**	0.500	0.500	68	79	53 - 126	15	18	
Benzo[k]fluoranthene	**0.325**	**0.393**	0.500	0.500	65	79	51 - 126	19	23	
Benzo[a]pyrene	**0.324**	**0.385**	0.500	0.500	65	77	52 - 127	17	21	
Indeno(1,2,3-c,d)pyrene	**0.331**	**0.407**	0.500	0.500	66	81	49 - 123	21	26	
Dibenz[a,h]anthracene	**0.309**	**0.404**	0.500	0.500	62	81	39 - 125	27	31	
Benzo[g,h,i]perylene	**0.328**	**0.413**	0.500	0.500	66	83	40 - 125	23	30	
Surrogate:										
2-Fluorobiphenyl					***75***	***76***	***38 - 105***			
Pyrene-d10					***73***	***82***	***37 - 121***			
Terphenyl-d14					***87***	***92***	***32 - 112***			

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-40-0311-2**					
Laboratory ID:	03-194-04					
Aroclor 1016	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1221	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1232	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1242	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1248	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1254	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1260	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***42-123***				
Client ID:	**KM-40-0311-4.5**					
Laboratory ID:	03-194-05					
Aroclor 1016	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1221	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1232	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1242	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1248	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1254	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Aroclor 1260	**ND**	0.062	EPA 8082	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***92***	***42-123***				

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S1					
Aroclor 1016	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1221	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1232	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1242	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1248	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1254	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
Aroclor 1260	**ND**	0.050	EPA 8082	3-23-11	3-23-11	
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:	03-191-06										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.442**	**0.435**	0.500	0.500	ND	**88**	**87**	44-125	2	15	
Surrogate:											
DCB						***87***	***85***	***42-123***			

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

Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-194-03					
Client ID:	**KM-34-0311-W**					
Arsenic	**ND**	3.3	200.8	3-23-11	3-23-11	
Chromium	**ND**	11	200.8	3-23-11	3-23-11	
Lead	**ND**	1.1	200.8	3-23-11	3-23-11	
Lab ID:	03-194-08					
Client ID:	**KM-36-0311-W**					
Arsenic	**20**	3.3	200.8	3-23-11	3-23-11	
Chromium	**ND**	11	200.8	3-23-11	3-23-11	
Lead	**ND**	1.1	200.8	3-23-11	3-23-11	
Lab ID:	03-194-11					
Client ID:	**KM-37-0311-W**					
Arsenic	**15**	3.3	200.8	3-23-11	3-23-11	
Chromium	**ND**	11	200.8	3-23-11	3-23-11	
Lead	**13**	1.1	200.8	3-23-11	3-23-11	

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

Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-23-11
Date Analyzed:	3-23-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0323W3

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1

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

Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 3-23-11
Date Analyzed: 3-23-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-190-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Chromium	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 3-23-11
Date Analyzed: 3-23-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-190-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**111**	101	**108**	98	3	
Chromium	110	**110**	100	**109**	99	0	
Lead	110	**108**	98	**106**	97	1	

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Date of Report: March 30, 2011
Samples Submitted: March 21, 2011
Laboratory Reference: 1103-194
Project: 0146970030

% MOISTURE

Date Analyzed: 3-23-11

Client ID	Lab ID	% Moisture
KM-34-0311-2	03-194-01	4
KM-34-0311-24	03-194-02	4
KM-40-0311-2	03-194-04	19
KM-40-0311-4.5	03-194-05	19
KM-36-0311-2	03-194-06	13
KM-36-0311-6	03-194-07	11
KM-37-0311-2	03-194-09	25
KM-37-0311-5	03-194-10	10

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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.

Z1 - Gasoline response is mainly attributed to three unidentified peaks.
Z2 - Sample chromatogram is similar to mineral spirits in addition to three unidentified peaks.
Z3 - Sample chromatogram is similar to mineral spirits in addition to gasoline.
Z4 - Sample chromatogram is similar to mineral spirits.

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

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Chain of Custody

Page 1 of 2

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

Company: AMEC Geomatrix
Project Number: 01469700030
Project Name: Kelly-Moore Paint
Project Manager: Tasya Gray
Sampled by: Shawna Mikelich

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: 03-194

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one) As, Pb, Cr only	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	KM-34-0311-2	3/21/11	0834	S	2		X						X								X
2	KM-34-0311-4	3/21/11	0840	S	↓		X						X								↓
3	KM-34-0311-W	3/21/11	1045	W	5		X						X					X			
4	KM-40-0311-2	3/21/11	1117	S	2		X							X							X
5	KM-40-0311-4.5	3/21/11	1120	S	↓		X							X							↓
6	KM-36-0311-2	3/21/11	1219	S			X						X								
7	KM-36-0311-6.5 DUP	3/21/11	1225	S	↓		X						X								↓
8	KM-36-0311-W	3/21/11	1310	W	5		X						X					X			
9	KM-37-0311-2	3/21/11	1338	S	2		X						X								X
10	KM-37-0311-5	3/21/11	1341	S	↓		X						X								↓

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/21/11	1635
Received		OnSite Env.	3/21/11	1635
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

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

Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 0146970030
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: S. Mikelich

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: 03-194

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one) As, Pb, Cr only	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	KM-37-0311-W	3/21/11	1427	W	5		X						X					X			

SM 3/21/11

SM 3/21/11

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/21/11	1635
Received		OnSite Env	3/21/11	1635
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

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

Sample/Cooler Receipt and Acceptance Checklist

Client: AMEC

Client Project Name/Number: 01469700030

OnSite Project Number: 03-194

Initiated by: MMBG

Date Initiated: 3/21/11

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	No	N/A	1 2 3 4
1.2 Were the custody seals intact?	Yes	No	N/A	1 2 3 4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	N/A	1 2 3 4
1.4 Were the samples delivered on ice or blue ice?	Yes	No		1 2 3 4
1.5 Were samples received between 0-6 degrees Celsius?	Yes	No	Temperature: 3 °C	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	N/A		
1.7 How were the samples delivered?	Client	Courier	UPS/FedEx	OSE Pickup Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	Yes	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	Yes	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	Yes	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	Yes	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	No		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	No		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	No		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	Yes	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and air bubbles?	Yes	No	N/A	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	Yes	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	N/A	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		N/A	1 2 3 4

Explain any discrepancies:

2.4) Sample 7) KM-36-0311-6.5 3/21/11 1225 on COC
KM-36-0311-6 * " " on labels & lid of jar
Sample 9) KM-37-0311-2 3/21/11 1338 on COC
KM-37-0311 " " on label of jar *
37-2 1338 on lid of jar

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

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

March 31, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 0146970030
Laboratory Reference No. 1103-202

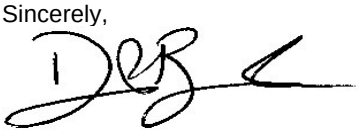
Dear Tasya:

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

Case Narrative

Samples were collected on March 22, 2011 and received by the laboratory on March 23, 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/BTEX (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.

The MTCA Method A clean-up level for Benzene is not achievable for sample KM-33-0311-4 due to the necessary dilution of the sample.

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

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-35-0311-2**					
Laboratory ID:	03-202-01					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.040	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.040	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.040	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.040	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	4.0	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***68-124***				
Client ID:	**KM-35-0311-6.5**					
Laboratory ID:	03-202-02					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.051	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.051	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.051	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.051	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.1	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***68-124***				
Client ID:	**KM-33-0311-4**					
Laboratory ID:	03-202-04					
Benzene	**ND**	0.076	EPA 8021	3-23-11	3-24-11	
Toluene	**ND**	0.38	EPA 8021	3-23-11	3-24-11	
Ethyl Benzene	**ND**	0.38	EPA 8021	3-23-11	3-24-11	
m,p-Xylene	**ND**	1.9	EPA 8021	3-23-11	3-24-11	U1
o-Xylene	**ND**	1.9	EPA 8021	3-23-11	3-24-11	U1
Gasoline	**3300**	38	NWTPH-Gx	3-23-11	3-24-11	O
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***97***	***68-124***				
Client ID:	**KM-31-0311-3**					
Laboratory ID:	03-202-06					
Gasoline	**ND**	5.3	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***95***	***68-124***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-0311-3**					
Laboratory ID:	03-202-08					
Gasoline	**ND**	5.1	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***68-124***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S1					
Benzene	**ND**	0.020	EPA 8021	3-23-11	3-23-11	
Toluene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Ethyl Benzene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
m,p-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
o-Xylene	**ND**	0.050	EPA 8021	3-23-11	3-23-11	
Gasoline	**ND**	5.0	NWTPH-Gx	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***95***	***68-124***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-202-06										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***94***	***97***	***68-124***			
SPIKE BLANKS											
Laboratory ID:	SB0323S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.966**	**0.950**	1.00	1.00		**97**	**95**	77-114	2	9	
Toluene	**1.02**	**1.01**	1.00	1.00		**102**	**101**	80-115	1	9	
Ethyl Benzene	**1.05**	**1.04**	1.00	1.00		**105**	**104**	80-118	1	9	
m,p-Xylene	**1.01**	**1.01**	1.00	1.00		**101**	**101**	82-118	0	9	
o-Xylene	**1.00**	**1.01**	1.00	1.00		**100**	**101**	82-116	1	9	
Surrogate:											
Fluorobenzene						***94***	***93***	***68-124***			

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-35-0311-W**					
Laboratory ID:	03-202-03					
Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Toluene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
o-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***97***	***73-121***				
Client ID:	**KM-33-0311-W**					
Laboratory ID:	03-202-05					
Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Toluene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
o-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Gasoline	**160**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***73-121***				
Client ID:	**KM-31-0311-W**					
Laboratory ID:	03-202-07					
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***98***	***73-121***				
Client ID:	**KM-32-0311-W**					
Laboratory ID:	03-202-09					
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***96***	***73-121***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325W2					
Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Toluene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
o-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***104***	***73-121***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-213-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**2.45**	**2.21**	NA	NA		NA		NA	10	30	
m,p-Xylene	**2.53**	**2.13**	NA	NA		NA		NA	17	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***102***	***105***	***73-121***			
MATRIX SPIKES											
Laboratory ID:	03-229-04										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**519**	**515**	500	500	11.4	**102**	**101**	82-120	1	8	
Toluene	**573**	**560**	500	500	36.9	**107**	**105**	84-119	2	8	
Ethyl Benzene	**560**	**553**	500	500	ND	**112**	**111**	84-122	1	9	
m,p-Xylene	**575**	**571**	500	500	27.4	**110**	**109**	85-121	1	9	
o-Xylene	**538**	**529**	500	500	ND	**108**	**106**	84-121	2	9	
Surrogate:											
Fluorobenzene						***107***	***106***	***73-121***			

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-31-0311-3**					
Laboratory ID:	03-202-06					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Chloromethane	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Vinyl Chloride	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Bromomethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Chloroethane	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Acetone	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Iodomethane	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Carbon Disulfide	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Methylene Chloride	ND	0.0055	EPA 8260	3-23-11	3-23-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Vinyl Acetate	ND	0.0055	EPA 8260	3-23-11	3-23-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
2-Butanone	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Bromochloromethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Chloroform	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Benzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Trichloroethene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Dibromomethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Bromodichloromethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260	3-23-11	3-23-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Toluene	ND	0.0055	EPA 8260	3-23-11	3-23-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	3-23-11	3-23-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-31-0311-3**					
Laboratory ID:	03-202-06					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Tetrachloroethene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
2-Hexanone	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Dibromochloromethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Chlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Ethylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
m,p-Xylene	ND	0.0022	EPA 8260	3-23-11	3-23-11	
o-Xylene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Styrene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Bromoform	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Isopropylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Bromobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	3-23-11	3-23-11	
n-Propylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
n-Butylbenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260	3-23-11	3-23-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Hexachlorobutadiene	ND	0.0055	EPA 8260	3-23-11	3-23-11	
Naphthalene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***78***	***63-127***				
Toluene-d8	***82***	***65-129***				
4-Bromofluorobenzene	***79***	***55-121***				

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-0311-3**					
Laboratory ID:	03-202-08					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloromethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Vinyl Chloride	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromomethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloroethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Acetone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Iodomethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Carbon Disulfide	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methylene Chloride	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Vinyl Acetate	ND	0.0050	EPA 8260	3-23-11	3-23-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Butanone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Bromochloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloroform	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Benzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Trichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Dibromomethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromodichloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Toluene	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-0311-3**					
Laboratory ID:	03-202-08					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Tetrachloroethene	0.0016	0.0010	EPA 8260	3-23-11	3-23-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Hexanone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Dibromochloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Ethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
m,p-Xylene	ND	0.0020	EPA 8260	3-23-11	3-23-11	
o-Xylene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Styrene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromoform	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Isopropylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
n-Propylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
n-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Naphthalene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***81***	***63-127***				
Toluene-d8	***84***	***65-129***				
4-Bromofluorobenzene	***83***	***55-121***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	MB0323S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloromethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Vinyl Chloride	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromomethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloroethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Acetone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Iodomethane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Carbon Disulfide	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methylene Chloride	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Vinyl Acetate	ND	0.0050	EPA 8260	3-23-11	3-23-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Butanone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Bromochloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chloroform	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Benzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Trichloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Dibromomethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromodichloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Toluene	ND	0.0050	EPA 8260	3-23-11	3-23-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-23-11	3-23-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0323S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Tetrachloroethene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Hexanone	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Dibromochloromethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Chlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Ethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
m,p-Xylene	ND	0.0020	EPA 8260	3-23-11	3-23-11	
o-Xylene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Styrene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromoform	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Isopropylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Bromobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	3-23-11	3-23-11	
n-Propylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
n-Butylbenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	3-23-11	3-23-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	3-23-11	3-23-11	
Naphthalene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***80***	***63-127***				
Toluene-d8	***84***	***65-129***				
4-Bromofluorobenzene	***91***	***55-121***				

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	SB0323S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0518**	**0.0537**	0.0500	0.0500	104	107	70-130	4	19	
Benzene	**0.0487**	**0.0491**	0.0500	0.0500	97	98	70-125	1	15	
Trichloroethene	**0.0514**	**0.0503**	0.0500	0.0500	103	101	70-122	2	14	
Toluene	**0.0510**	**0.0497**	0.0500	0.0500	102	99	73-120	3	16	
Chlorobenzene	**0.0490**	**0.0483**	0.0500	0.0500	98	97	74-109	1	12	
Surrogate:										
Dibromofluoromethane					***71***	***74***	***63-127***			
Toluene-d8					***78***	***81***	***65-129***			
4-Bromofluorobenzene					***82***	***86***	***55-121***			

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-31-0311-W**					
Laboratory ID:	03-202-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Acetone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	0.26	0.20	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	2.1	0.20	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Trichloroethene	0.83	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Toluene	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-31-0311-W**					
Laboratory ID:	03-202-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.40	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	1.0	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***88***	***68-107***				
Toluene-d8	***91***	***73-102***				
4-Bromofluorobenzene	***88***	***65-104***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-0311-W**					
Laboratory ID:	03-202-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Acetone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Toluene	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	

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Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-0311-W**					
Laboratory ID:	03-202-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.40	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	1.0	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***84***	***68-107***				
Toluene-d8	***85***	***73-102***				
4-Bromofluorobenzene	***82***	***65-104***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032211-W**					
Laboratory ID:	03-202-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Acetone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroform	0.97	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	0.61	0.20	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Toluene	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	

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Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032211-W**					
Laboratory ID:	03-202-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	0.21	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.40	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	1.0	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***85***	***68-107***				
Toluene-d8	***85***	***73-102***				
4-Bromofluorobenzene	***81***	***65-104***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	MB0324W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Acetone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	1.0	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	5.0	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Toluene	ND	1.0	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-24-11	3-24-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0324W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	2.0	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.40	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	1.0	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	1.0	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***83***	***68-107***				
Toluene-d8	***84***	***73-102***				
4-Bromofluorobenzene	***81***	***65-104***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-177-07										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	**10.8**	**11.0**	10.0	10.0	ND	108	110	70-130	2	12	
Benzene	**10.1**	**10.1**	10.0	10.0	ND	101	101	84-123	0	11	
Trichloroethene	**10.1**	**10.2**	10.0	10.0	ND	101	102	80-117	1	14	
Toluene	**10.0**	**10.1**	10.0	10.0	ND	100	101	87-115	1	12	
Chlorobenzene	**10.3**	**10.1**	10.0	10.0	ND	103	101	86-117	2	13	
Surrogate:											
Dibromofluoromethane						***85***	***84***	***68-107***			
Toluene-d8						***85***	***86***	***73-102***			
4-Bromofluorobenzene						***84***	***82***	***65-104***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-35-0311-2**					
Laboratory ID:	03-202-01					
Naphthalene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.027**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.031**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.017**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.021**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.013**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.014**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.017**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.0098**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.012**	0.0071	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***43 - 109***				
Pyrene-d10	***88***	***38 - 128***				
Terphenyl-d14	***85***	***33 - 119***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-35-0311-6.5**					
Laboratory ID:	03-202-02					
Naphthalene	**0.063**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
2-Methylnaphthalene	**0.10**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
1-Methylnaphthalene	**0.070**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Acenaphthylene	**ND**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Acenaphthene	**ND**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Fluorene	**ND**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Phenanthrene	**0.33**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Anthracene	**0.048**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Fluoranthene	**1.5**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Pyrene	**1.6**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[a]anthracene	**3.7**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Chrysene	**5.7**	0.72	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[b]fluoranthene	**5.9**	0.72	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[k]fluoranthene	**4.0**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[a]pyrene	**3.2**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Indeno(1,2,3-c,d)pyrene	**2.3**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Dibenz[a,h]anthracene	**1.1**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[g,h,i]perylene	**2.5**	0.036	EPA 8270/SIM	3-23-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***66***	***43 - 109***				
Pyrene-d10	***64***	***38 - 128***				
Terphenyl-d14	***66***	***33 - 119***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-33-0311-4**					
Laboratory ID:	03-202-04					
Naphthalene	**0.36**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.62**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**1.1**	0.043	EPA 8270/SIM	3-23-11	3-25-11	
Acenaphthylene	**0.053**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**0.36**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**0.66**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**0.59**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**0.37**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.50**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.41**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.11**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.14**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.035**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.024**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.033**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.018**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.025**	0.0085	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***58***	***43 - 109***				
Pyrene-d10	***85***	***38 - 128***				
Terphenyl-d14	***81***	***33 - 119***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-31-0311-3**					
Laboratory ID:	03-202-06					
Naphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**0.010**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**0.12**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**0.022**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.14**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.19**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.19**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.23**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.15**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.10**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.25**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.14**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**0.16**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.32**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***87***	***43 - 109***				
Pyrene-d10	***88***	***38 - 128***				
Terphenyl-d14	***86***	***33 - 119***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-32-0311-3**					
Laboratory ID:	03-202-08					
Naphthalene	**0.041**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**0.024**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.018**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**0.069**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**0.038**	0.0073	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**4.0**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Anthracene	**ND**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Fluoranthene	**21**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Pyrene	**21**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[a]anthracene	**23**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Chrysene	**29**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[b]fluoranthene	**28**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[k]fluoranthene	**23**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[a]pyrene	**24**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Indeno(1,2,3-c,d)pyrene	**15**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Dibenz[a,h]anthracene	**5.5**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Benzo[g,h,i]perylene	**16**	0.73	EPA 8270/SIM	3-23-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***89***	***43 - 109***				
Pyrene-d10	***78***	***38 - 128***				
Terphenyl-d14	***76***	***33 - 119***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	MB0323S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	3-23-11	3-23-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***43 - 109***				
Pyrene-d10	***87***	***38 - 128***				
Terphenyl-d14	***89***	***33 - 119***				

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	SB0323S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0470**	**0.0519**	0.0833	0.0833	56	62	43 - 108	10	27	
Acenaphthylene	**0.0555**	**0.0666**	0.0833	0.0833	67	80	52 - 120	18	21	
Acenaphthene	**0.0597**	**0.0662**	0.0833	0.0833	72	79	59 - 113	10	17	
Fluorene	**0.0644**	**0.0691**	0.0833	0.0833	77	83	64 - 117	7	14	
Phenanthrene	**0.0655**	**0.0691**	0.0833	0.0833	79	83	67 - 112	5	12	
Anthracene	**0.0578**	**0.0623**	0.0833	0.0833	69	75	59 - 110	7	16	
Fluoranthene	**0.0669**	**0.0709**	0.0833	0.0833	80	85	68 - 120	6	15	
Pyrene	**0.0691**	**0.0746**	0.0833	0.0833	83	90	69 - 121	8	17	
Benzo[a]anthracene	**0.0625**	**0.0659**	0.0833	0.0833	75	79	63 - 114	5	12	
Chrysene	**0.0678**	**0.0718**	0.0833	0.0833	81	86	67 - 118	6	12	
Benzo[b]fluoranthene	**0.0591**	**0.0654**	0.0833	0.0833	71	79	58 - 125	10	20	
Benzo[k]fluoranthene	**0.0525**	**0.0590**	0.0833	0.0833	63	71	42 - 134	12	26	
Benzo[a]pyrene	**0.0542**	**0.0584**	0.0833	0.0833	65	70	55 - 111	7	19	
Indeno(1,2,3-c,d)pyrene	**0.0607**	**0.0653**	0.0833	0.0833	73	78	60 - 125	7	20	
Dibenz[a,h]anthracene	**0.0625**	**0.0671**	0.0833	0.0833	75	81	62 - 125	7	19	
Benzo[g,h,i]perylene	**0.0638**	**0.0681**	0.0833	0.0833	77	82	61 - 124	7	19	
Surrogate:										
2-Fluorobiphenyl					***64***	***72***	***43 - 109***			
Pyrene-d10					***80***	***85***	***38 - 128***			
Terphenyl-d14					***76***	***81***	***33 - 119***			

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-35-0311-W**					
Laboratory ID:	03-202-03					
Naphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***72***	***38 - 105***				
Pyrene-d10	***77***	***37 - 121***				
Terphenyl-d14	***70***	***32 - 112***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-33-0311-W**					
Laboratory ID:	03-202-05					
Naphthalene	**0.16**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**0.39**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**1.9**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**0.93**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**0.18**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.14**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.10**	0.096	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.020**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.022**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***75***	***38 - 105***				
Pyrene-d10	***84***	***37 - 121***				
Terphenyl-d14	***75***	***32 - 112***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-31-0311-W**					
Laboratory ID:	03-202-07					
Naphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**ND**	0.097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***81***	***38 - 105***				
Pyrene-d10	***88***	***37 - 121***				
Terphenyl-d14	***81***	***32 - 112***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	**KM-32-0311-W**					
Laboratory ID:	03-202-09					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**0.18**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**0.17**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**0.16**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**0.23**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**0.21**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**0.16**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**0.18**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**0.12**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**0.048**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**0.14**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***63***	***38 - 105***				
Pyrene-d10	***63***	***37 - 121***				
Terphenyl-d14	***61***	***32 - 112***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	MB0323W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	3-23-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***77***	***38 - 105***				
Pyrene-d10	***79***	***37 - 121***				
Terphenyl-d14	***83***	***32 - 112***				

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

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:	SB0323W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.297**	**0.321**	0.500	0.500	59	64	38 - 110	8	35	
Acenaphthylene	**0.324**	**0.364**	0.500	0.500	65	73	47 - 120	12	30	
Acenaphthene	**0.323**	**0.364**	0.500	0.500	65	73	46 - 113	12	26	
Fluorene	**0.340**	**0.387**	0.500	0.500	68	77	60 - 104	13	25	
Phenanthrene	**0.345**	**0.395**	0.500	0.500	69	79	61 - 99	14	19	
Anthracene	**0.337**	**0.385**	0.500	0.500	67	77	55 - 122	13	19	
Fluoranthene	**0.367**	**0.420**	0.500	0.500	73	84	58 - 129	13	18	
Pyrene	**0.373**	**0.422**	0.500	0.500	75	84	57 - 126	12	22	
Benzo[a]anthracene	**0.356**	**0.404**	0.500	0.500	71	81	51 - 124	13	18	
Chrysene	**0.377**	**0.426**	0.500	0.500	75	85	53 - 123	12	20	
Benzo[b]fluoranthene	**0.352**	**0.395**	0.500	0.500	70	79	53 - 126	12	18	
Benzo[k]fluoranthene	**0.350**	**0.408**	0.500	0.500	70	82	51 - 126	15	23	
Benzo[a]pyrene	**0.339**	**0.386**	0.500	0.500	68	77	52 - 127	13	21	
Indeno(1,2,3-c,d)pyrene	**0.350**	**0.401**	0.500	0.500	70	80	49 - 123	14	26	
Dibenz[a,h]anthracene	**0.343**	**0.401**	0.500	0.500	69	80	39 - 125	16	31	
Benzo[g,h,i]perylene	**0.348**	**0.400**	0.500	0.500	70	80	40 - 125	14	30	
Surrogate:										
2-Fluorobiphenyl					***61***	***68***	***38 - 105***			
Pyrene-d10					***74***	***83***	***37 - 121***			
Terphenyl-d14					***78***	***81***	***32 - 112***			

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-202-03					
Client ID:	**KM-35-0311-W**					
Arsenic	**ND**	3.3	200.8	3-29-11	3-29-11	
Chromium	**ND**	11	200.8	3-29-11	3-29-11	
Lead	**ND**	1.1	200.8	3-29-11	3-29-11	
Lab ID:	03-202-05					
Client ID:	**KM-33-0311-W**					
Arsenic	**8.2**	3.3	200.8	3-29-11	3-29-11	
Chromium	**25**	11	200.8	3-29-11	3-29-11	
Lead	**6.5**	1.1	200.8	3-29-11	3-29-11	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-29-11
Date Analyzed:	3-29-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0329W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 3-29-11
Date Analyzed: 3-29-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-229-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**17.1**	**16.6**	3	3.3	
Chromium	**ND**	**ND**	NA	11	
Lead	**2.93**	**2.83**	3	1.1	

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Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 3-29-11
Date Analyzed: 3-29-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-229-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**131**	104	**132**	104	0	
Chromium	110	**106**	96	**107**	97	1	
Lead	110	**119**	105	**121**	107	2	

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

Date of Report: March 31, 2011
Samples Submitted: March 22, 2011
Laboratory Reference: 1103-202
Project: 0146970030

% MOISTURE

Date Analyzed: 3-23-11

Client ID	Lab ID	% Moisture
KM-35-0311-2	03-202-01	6
KM-35-0311-6.5	03-202-02	7
KM-33-0311-4	03-202-04	22
KM-31-0311-3	03-202-06	9
KM-32-0311-3	03-202-08	8

This report pertains to the samples analyzed in accordance with the chain of custody,
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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

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

Chain of Custody

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

Company: AMEC Geomatrix
Project Number: 0146970030
Project Name: Kelly Moore Paint
Project Manager: Tasya Gray
Sampled by: Shauna Mikelich

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: 03-202

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one) As, Pb, Cr	TCLP Metals	HEM (oil and grease) 1664							% Moisture
1	km-35-0311-2	3/22/11	0821	S	3 2 dm		X						X														X
2	km-35-0311-6.5	3/22/11	0833	S	3 2 dm		X						X														X
3	km-35-0311-W	3/22/11	0910	SW dm	5		X						X					X									
4	km-33-0311-4	3/22/11	1006	S	2		X						X														X
5	km-33-0311-W	3/22/11	1050	SW dm	5		X						X					X									
6	km-31-0311-3	3/22/11	1152	S	5			X		X			X														X
7	km-31-0311-W	3/22/11	1238	W	7			X		X			X														
8	km-32-0311-3	3/22/11	1312	S	5			X		X			X														X
9	km-32-0311-W	3/22/11	1405	W	7			X		X			X														
10	TB-032211-W	3/22/11	—	W	1					X																	

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/22/11	1610
Received			3/22/11	1610
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

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

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

April 4, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 0146970030
Laboratory Reference No. 1103-217

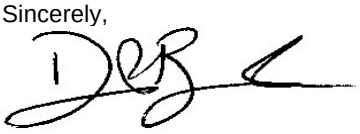
Dear Tasya:

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

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

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

Case Narrative

Samples were collected on March 23, 2011 and received by the laboratory on March 23, 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 (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.

The chromatograms for samples KM-30-0311-2' and KM-30-0311-5 are similar to mineral spirits.

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 (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.

Some MTCA Method A cleanup levels are non-achievable for samples KM-30-0311-2' and KM-30-0311-5 due to the necessary dilution of the samples.

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

PAHs EPA 8270D/SIM (water) Analysis

Due to sample matrix of sample KM-30-0311-W, the dilution of the sample increased the PQL's.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-2'**					
Laboratory ID:	03-217-02					
Gasoline	**400**	4.7	NWTPH-Gx	3-25-11	3-28-11	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***68-124***				
Client ID:	**KM-30-0311-5**					
Laboratory ID:	03-217-03					
Gasoline	**6000**	180	NWTPH-Gx	3-25-11	3-29-11	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***---***	***68-124***				S

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325S1					
Gasoline	**ND**	5.0	NWTPH-Gx	3-25-11	3-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***68-124***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-224-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***99***	***98***	***68-124***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-W**					
Laboratory ID:	03-217-04					
Gasoline	**840**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***73-121***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325W2					
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***104***	***73-121***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-213-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***102***	***105***	***73-121***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-2'**					
Laboratory ID:	03-217-02					
Dichlorodifluoromethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	0.27	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.055	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	0.27	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Acetone	ND	0.27	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	0.27	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.055	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	0.27	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	0.27	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.055	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.055	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	0.27	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	0.27	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	0.27	EPA 8260	3-24-11	3-24-11	
Toluene	ND	0.27	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.055	EPA 8260	3-24-11	3-24-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-2'**					
Laboratory ID:	03-217-02					
1,1,2-Trichloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.055	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	0.27	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.11	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	0.055	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.055	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.055	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	0.12	0.055	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	0.11	0.055	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.27	EPA 8260	3-24-11	3-24-11	
Naphthalene	0.19	0.055	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.055	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***73***	***63-127***				
Toluene-d8	***78***	***65-129***				
4-Bromofluorobenzene	***81***	***55-121***				

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

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-5**					
Laboratory ID:	03-217-03					
Dichlorodifluoromethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	2.4	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.48	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	2.4	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Acetone	ND	2.4	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	2.4	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.48	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	2.4	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	2.4	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.48	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.48	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	2.4	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	2.4	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	2.4	EPA 8260	3-24-11	3-24-11	
Toluene	ND	2.4	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.48	EPA 8260	3-24-11	3-24-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-5**					
Laboratory ID:	03-217-03					
1,1,2-Trichloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.48	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	2.4	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.95	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	0.48	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	4.2	0.48	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.48	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	6.7	0.48	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.48	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	0.86	0.48	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	14	0.48	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	7.0	0.48	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	2.4	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	2.4	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	0.48	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.48	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***74***	***63-127***				
Toluene-d8	***80***	***65-129***				
4-Bromofluorobenzene	***86***	***55-121***				

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

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0324S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Chloromethane	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Vinyl Chloride	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Bromomethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Chloroethane	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Acetone	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Iodomethane	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Carbon Disulfide	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Methylene Chloride	ND	0.0050	EPA 8260	3-24-11	3-24-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Vinyl Acetate	ND	0.0050	EPA 8260	3-24-11	3-24-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
2-Butanone	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Bromochloromethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Chloroform	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Benzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Trichloroethene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Dibromomethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Bromodichloromethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	3-24-11	3-24-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Toluene	ND	0.0050	EPA 8260	3-24-11	3-24-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-24-11	3-24-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0324S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Tetrachloroethene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
2-Hexanone	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Dibromochloromethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Chlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Ethylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
m,p-Xylene	ND	0.0020	EPA 8260	3-24-11	3-24-11	
o-Xylene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Styrene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Bromoform	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Isopropylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Bromobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	3-24-11	3-24-11	
n-Propylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
n-Butylbenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	3-24-11	3-24-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	3-24-11	3-24-11	
Naphthalene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	3-24-11	3-24-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***79***	***63-127***				
Toluene-d8	***85***	***65-129***				
4-Bromofluorobenzene	***90***	***55-121***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-228-01										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	**0.0508**	**0.0507**	0.0500	0.0500	ND	102	101	70-130	0	19	
Benzene	**0.0478**	**0.0455**	0.0500	0.0500	ND	96	91	70-130	5	21	
Trichloroethene	**0.0490**	**0.0459**	0.0500	0.0500	ND	98	92	70-122	7	21	
Toluene	**0.0463**	**0.0441**	0.0500	0.0500	ND	93	88	70-126	5	20	
Chlorobenzene	**0.0449**	**0.0395**	0.0500	0.0500	ND	90	79	70-113	13	18	
Surrogate:											
Dibromofluoromethane						***71***	***71***	***63-127***			
Toluene-d8						***75***	***79***	***65-129***			
4-Bromofluorobenzene						***71***	***75***	***55-121***			

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032311**					
Laboratory ID:	03-217-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Acetone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroform	0.93	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	0.53	0.20	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Toluene	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032311**					
Laboratory ID:	03-217-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	0.23	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	ND	0.40	EPA 8260	3-25-11	3-25-11	
o-Xylene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	1.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Naphthalene	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***80***	***68-107***				
Toluene-d8	***85***	***73-102***				
4-Bromofluorobenzene	***81***	***65-104***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-W**					
Laboratory ID:	03-217-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Acetone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Toluene	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-0311-W**					
Laboratory ID:	03-217-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	ND	0.40	EPA 8260	3-25-11	3-25-11	
o-Xylene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	1.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	8.0	0.20	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	10	0.20	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	1.0	0.20	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	12	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	4.3	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Naphthalene	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***83***	***68-107***				
Toluene-d8	***86***	***73-102***				
4-Bromofluorobenzene	***90***	***65-104***				

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

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	MB0325W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Acetone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Toluene	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0325W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	ND	0.40	EPA 8260	3-25-11	3-25-11	
o-Xylene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	1.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Naphthalene	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***83***	***68-107***				
Toluene-d8	***84***	***73-102***				
4-Bromofluorobenzene	***84***	***65-104***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	SB0325W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.5**	**10.3**	10.0	10.0	105	103	70-130	2	11	
Benzene	**10.0**	**9.72**	10.0	10.0	100	97	79-123	3	8	
Trichloroethene	**9.70**	**9.67**	10.0	10.0	97	97	82-113	0	9	
Toluene	**9.82**	**9.87**	10.0	10.0	98	99	84-113	1	8	
Chlorobenzene	**10.0**	**10.2**	10.0	10.0	100	102	89-111	2	8	
Surrogate:										
Dibromofluoromethane					***82***	***82***	***68-107***			
Toluene-d8					***84***	***86***	***73-102***			
4-Bromofluorobenzene					***80***	***82***	***65-104***			

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	**KM-30-0311-2'**					
Laboratory ID:	03-217-02					
Naphthalene	**1.2**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
2-Methylnaphthalene	**0.73**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
1-Methylnaphthalene	**0.47**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthylene	**0.053**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthene	**0.18**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Fluorene	**0.25**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Phenanthrene	**1.0**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Anthracene	**0.18**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Fluoranthene	**0.72**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Pyrene	**0.74**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]anthracene	**0.37**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Chrysene	**0.54**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[b]fluoranthene	**0.48**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[k]fluoranthene	**0.39**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]pyrene	**0.37**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Indeno(1,2,3-c,d)pyrene	**0.33**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Dibenz[a,h]anthracene	**0.12**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[g,h,i]perylene	**0.40**	0.0075	EPA 8270/SIM	3-25-11	3-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***79***	***43 - 109***				
Pyrene-d10	***77***	***38 - 128***				
Terphenyl-d14	***73***	***33 - 119***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	**KM-30-0311-5**					
Laboratory ID:	03-217-03					
Naphthalene	**1.3**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
2-Methylnaphthalene	**1.7**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
1-Methylnaphthalene	**1.5**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthylene	**ND**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthene	**0.92**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Fluorene	**0.71**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Phenanthrene	**3.2**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Anthracene	**0.56**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Fluoranthene	**2.8**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Pyrene	**2.5**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]anthracene	**1.5**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Chrysene	**2.1**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[b]fluoranthene	**1.7**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[k]fluoranthene	**1.2**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]pyrene	**1.4**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**0.82**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[g,h,i]perylene	**1.1**	0.47	EPA 8270/SIM	3-25-11	4-1-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***63***	***43 - 109***				
Pyrene-d10	***71***	***38 - 128***				
Terphenyl-d14	***74***	***33 - 119***				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	MB0325S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***88***	***43 - 109***				
Pyrene-d10	***93***	***38 - 128***				
Terphenyl-d14	***85***	***33 - 119***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	03-218-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0661**	**0.0606**	0.0833	0.0833	ND	79	73	39 - 110	9	21	
Acenaphthylene	**0.0683**	**0.0617**	0.0833	0.0833	ND	82	74	47 - 124	10	21	
Acenaphthene	**0.0667**	**0.0605**	0.0833	0.0833	ND	80	73	50 - 120	10	20	
Fluorene	**0.0671**	**0.0624**	0.0833	0.0833	ND	81	75	52 - 126	7	21	
Phenanthrene	**0.0708**	**0.0627**	0.0833	0.0833	ND	85	75	41 - 130	12	22	
Anthracene	**0.0641**	**0.0585**	0.0833	0.0833	ND	77	70	48 - 124	9	23	
Fluoranthene	**0.0758**	**0.0656**	0.0833	0.0833	ND	91	79	40 - 137	14	23	
Pyrene	**0.0756**	**0.0678**	0.0833	0.0833	ND	91	81	36 - 139	11	23	
Benzo[a]anthracene	**0.0629**	**0.0569**	0.0833	0.0833	ND	76	68	43 - 127	10	21	
Chrysene	**0.0656**	**0.0584**	0.0833	0.0833	ND	79	70	41 - 133	12	19	
Benzo[b]fluoranthene	**0.0674**	**0.0593**	0.0833	0.0833	ND	81	71	40 - 132	13	25	
Benzo[k]fluoranthene	**0.0674**	**0.0594**	0.0833	0.0833	ND	81	71	35 - 132	13	25	
Benzo[a]pyrene	**0.0654**	**0.0604**	0.0833	0.0833	ND	79	73	37 - 131	8	26	
Indeno(1,2,3-c,d)pyrene	**0.0744**	**0.0687**	0.0833	0.0833	ND	89	82	39 - 134	8	23	
Dibenz[a,h]anthracene	**0.0733**	**0.0679**	0.0833	0.0833	ND	88	82	40 - 137	8	21	
Benzo[g,h,i]perylene	**0.0702**	**0.0656**	0.0833	0.0833	ND	84	79	35 - 135	7	22	
Surrogate:											
2-Fluorobiphenyl						***76***	***69***	***43 - 109***			
Pyrene-d10						***84***	***78***	***38 - 128***			
Terphenyl-d14						***71***	***65***	***33 - 119***			

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	**KM-30-0311-W**					
Laboratory ID:	03-217-04					
Naphthalene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
2-Methylnaphthalene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
1-Methylnaphthalene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Acenaphthylene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Acenaphthene	**0.96**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Fluorene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Phenanthrene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Anthracene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Fluoranthene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Pyrene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-2-11	
Benzo[a]anthracene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Chrysene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Benzo[a]pyrene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.096	EPA 8270/SIM	3-28-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***51***	***38 - 105***				
Pyrene-d10	***72***	***37 - 121***				
Terphenyl-d14	***57***	***32 - 112***				

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

Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	MB0328W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***38 - 105***				
Pyrene-d10	***98***	***37 - 121***				
Terphenyl-d14	***90***	***32 - 112***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	SB0328W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.316**	**0.318**	0.500	0.500	63	64	38 - 110	1	35	
Acenaphthylene	**0.343**	**0.398**	0.500	0.500	69	80	47 - 120	15	30	
Acenaphthene	**0.345**	**0.390**	0.500	0.500	69	78	46 - 113	12	26	
Fluorene	**0.442**	**0.353**	0.500	0.500	88	71	60 - 104	22	25	
Phenanthrene	**0.368**	**0.403**	0.500	0.500	74	81	61 - 99	9	19	
Anthracene	**0.377**	**0.383**	0.500	0.500	75	77	55 - 122	2	19	
Fluoranthene	**0.424**	**0.441**	0.500	0.500	85	88	58 - 129	4	18	
Pyrene	**0.394**	**0.412**	0.500	0.500	79	82	57 - 126	4	22	
Benzo[a]anthracene	**0.343**	**0.382**	0.500	0.500	69	76	51 - 124	11	18	
Chrysene	**0.336**	**0.378**	0.500	0.500	67	76	53 - 123	12	20	
Benzo[b]fluoranthene	**0.387**	**0.441**	0.500	0.500	77	88	53 - 126	13	18	
Benzo[k]fluoranthene	**0.417**	**0.419**	0.500	0.500	83	84	51 - 126	0	23	
Benzo[a]pyrene	**0.335**	**0.384**	0.500	0.500	67	77	52 - 127	14	21	
Indeno(1,2,3-c,d)pyrene	**0.379**	**0.413**	0.500	0.500	76	83	49 - 123	9	26	
Dibenz[a,h]anthracene	**0.387**	**0.418**	0.500	0.500	77	84	39 - 125	8	31	
Benzo[g,h,i]perylene	**0.368**	**0.388**	0.500	0.500	74	78	40 - 125	5	30	
Surrogate:										
2-Fluorobiphenyl					***64***	***69***	***38 - 105***			
Pyrene-d10					***85***	***86***	***37 - 121***			
Terphenyl-d14					***72***	***73***	***32 - 112***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-38-0311-2**					
Laboratory ID:	03-217-05					
Aroclor 1016	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.051	EPA 8082	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***90***	***42-123***				
Client ID:	**KM-38-0311-5**					
Laboratory ID:	03-217-06					
Aroclor 1016	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.054	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**0.24**	0.054	EPA 8082	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***82***	***42-123***				
Client ID:	**KM-43-0311-2**					
Laboratory ID:	03-217-07					
Aroclor 1016	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.052	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**0.17**	0.052	EPA 8082	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***82***	***42-123***				

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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

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:	MB0325S1					
Aroclor 1016	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***87***	***42-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-217-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.450**	**0.451**	0.500	0.500	ND	**90**	**90**	44-125	0	15	
Surrogate:											
DCB						***91***	***91***	***42-123***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 23, 2011
Laboratory Reference: 1103-217
Project: 0146970030

% MOISTURE

Date Analyzed: 3-24&25-11

Client ID	Lab ID	% Moisture
KM-30-0311-2'	03-217-02	12
KM-30-0311-5	03-217-03	29
KM-38-0311-2	03-217-05	3
KM-38-0311-5	03-217-06	7
KM-43-0311-2	03-217-07	4

This report pertains to the samples analyzed in accordance with the chain of custody,
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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 - The sample chromatogram is similar to mineral spirits.

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

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

Chain of Custody

Page 1 of 1

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

Company: AMEC Geomatrix
Project Number: 01469700030
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Shauna Mikelich

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: 03-21703-216

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	TB-032311	3/23/11		W	1					X											
2	km-30-0311-2'	3/23/11	0813	S	~~5~~ 3			X		X			X								X
3	km-30-0311-5	3/23/11	0820	S	3			X		X			X								↓
4	km-30-0311-W	3/23/11	0905	W	7			X		X			X								
5	km-38-0311-2	3/23/11	1226	S	1									X							X
6	km-38-0311-5	3/23/11	1229	S	1									X							↓
7	km-43-0311-2	3/23/11	1342	S	1									X							

3/23/11

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/23/11	1535
Received		QSE	3/23/11	1535
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

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

Sample/Cooler Receipt and Acceptance Checklist

Client: AMEG

Client Project Name/Number: 0146970030

OnSite Project Number: 03-217

Initiated by: MN

Date Initiated: 3/23/11

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	No	(N/A)	1 2 3 4
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No		1 2 3 4
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	Temperature: 3	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)		
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and air bubbles?	(Yes)	No	N/A	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	(Yes)	No	N/A	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	1	N/A	1 2 3 4

Explain any discrepancies:

2.4) Sample 3) KM-30-0311-S 3/23/11 0820 on COC
KM-30-0311- 3/23/11 0820 on VOA

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

OnSite Environmental Inc.

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

April 4, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 0146970030
Laboratory Reference No. 1103-229

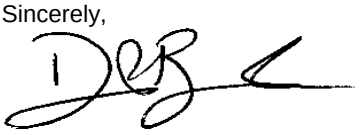
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 24, 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

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

Case Narrative

Samples were collected on March 24, 2011 and received by the laboratory on March 24, 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-G/BTEX (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.

The chromatograms for samples KM-39-0311-2.5, KM-39-0311-2.5-D, KM-39-0311-5, KM-41-0311-3 and KM-41-0311-4.5 are similar to mineral spirits.

NWTPH-G/BTEX (water) Analysis

The chromatograms for samples KM-39-0311-W, KM-41-0311-W and KM-41-0311-W-D are similar to mineral spirits.

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.

Some MTCA Method A cleanup levels are non-achievable for samples KM-41-0311-3 and KM-41-0311-4.5 due to the necessary dilution of the samples.

Volatiles EPA 8260B (water) Analysis

Some MTCA Method A cleanup levels are non-achievable for samples KM-41-0311-W and KM-41-0311-W-D due to the necessary dilution of the samples.

Surrogate 4-Bromofluorobenzene is outside control limits for samples KM-41-0311-W and KM-41-0311-W-D due to co-eluting non-target analytes.

PAHs EPA 8270D/SIM (soil) Analysis

Sample KM-41-0311-3 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%.

PAHs EPA 8270D/SIM (water) Analysis

Due to sample matrix of samples, the samples were diluted 50 to 100 times therefore increasing the PQL's.

Due to the sample matrix of sample KM-39-0311-W and therefore a necessary dilution, the MS/MSD pair data recovery is not available.

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

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-0311-2.5**					
Laboratory ID:	03-229-01					
Benzene	**0.53**	0.066	EPA 8021	3-25-11	3-28-11	
Toluene	**4.8**	0.33	EPA 8021	3-25-11	3-28-11	
Ethyl Benzene	**26**	0.33	EPA 8021	3-25-11	3-28-11	
m,p-Xylene	**49**	1.3	EPA 8021	3-25-11	3-29-11	
o-Xylene	**ND**	3.3	EPA 8021	3-25-11	3-28-11	U1
Gasoline	**4800**	130	NWTPH-Gx	3-25-11	3-29-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*75*	*68-124*				
Client ID:	**KM-39-0311-2.5-D**					
Laboratory ID:	03-229-02					
Benzene	**0.47**	0.063	EPA 8021	3-25-11	3-28-11	
Toluene	**4.9**	0.31	EPA 8021	3-25-11	3-28-11	
Ethyl Benzene	**20**	0.31	EPA 8021	3-25-11	3-28-11	
m,p-Xylene	**42**	1.3	EPA 8021	3-25-11	3-29-11	
o-Xylene	**ND**	3.1	EPA 8021	3-25-11	3-28-11	U1
Gasoline	**4900**	130	NWTPH-Gx	3-25-11	3-29-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*73*	*68-124*				
Client ID:	**KM-39-0311-5**					
Laboratory ID:	03-229-03					
Benzene	**ND**	0.021	EPA 8021	3-25-11	3-28-11	
Toluene	**ND**	0.11	EPA 8021	3-25-11	3-28-11	
Ethyl Benzene	**ND**	0.11	EPA 8021	3-25-11	3-28-11	
m,p-Xylene	**1.3**	0.11	EPA 8021	3-25-11	3-28-11	
o-Xylene	**ND**	0.55	EPA 8021	3-25-11	3-28-11	U1
Gasoline	**990**	11	NWTPH-Gx	3-25-11	3-28-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*68-124*				
Client ID:	**KM-41-0311-3**					
Laboratory ID:	03-229-06					
Gasoline	**560**	11	NWTPH-Gx	3-25-11	3-30-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*124*	*68-124*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-4.5**					
Laboratory ID:	03-229-07					
Gasoline	**8300**	150	NWTPH-Gx	3-25-11	3-29-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	---	*68-124*				S

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Laboratory Reference: 1103-229
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325S1					
Benzene	**ND**	0.020	EPA 8021	3-25-11	3-28-11	
Toluene	**ND**	0.050	EPA 8021	3-25-11	3-28-11	
Ethyl Benzene	**ND**	0.050	EPA 8021	3-25-11	3-28-11	
m,p-Xylene	**ND**	0.050	EPA 8021	3-25-11	3-28-11	
o-Xylene	**ND**	0.050	EPA 8021	3-25-11	3-28-11	
Gasoline	**ND**	5.0	NWTPH-Gx	3-25-11	3-28-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*68-124*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-224-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*99*	*98*	*68-124*			

MATRIX SPIKES											
Laboratory ID:	03-224-01										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**0.908**	**0.933**	1.00	1.00	ND	**91**	**93**	79-121	3	10	
Toluene	**0.985**	**1.03**	1.00	1.00	ND	**99**	**103**	83-121	4	14	
Ethyl Benzene	**1.03**	**1.05**	1.00	1.00	ND	**103**	**105**	83-123	2	9	
m,p-Xylene	**1.04**	**1.06**	1.00	1.00	ND	**104**	**106**	84-123	2	10	
o-Xylene	**1.00**	**1.03**	1.00	1.00	ND	**100**	**103**	82-124	3	10	
Surrogate:											
Fluorobenzene						*87*	*90*	*68-124*			

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Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-0311-W**					
Laboratory ID:	03-229-04					
Benzene	**11**	10	EPA 8021	3-25-11	3-25-11	
Toluene	**37**	10	EPA 8021	3-25-11	3-25-11	
Ethyl Benzene	**ND**	10	EPA 8021	3-25-11	3-25-11	
m,p-Xylene	**27**	10	EPA 8021	3-25-11	3-25-11	
o-Xylene	**ND**	10	EPA 8021	3-25-11	3-25-11	
Gasoline	**6600**	1000	NWTPH-Gx	3-25-11	3-25-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*73-121*				
Client ID:	**KM-41-0311-W**					
Laboratory ID:	03-229-08					
Gasoline	**4400**	400	NWTPH-Gx	3-25-11	3-25-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*73-121*				
Client ID:	**KM-41-0311-W-D**					
Laboratory ID:	03-229-09					
Gasoline	**5700**	400	NWTPH-Gx	3-25-11	3-25-11	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*73-121*				

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Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325W1					
Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Toluene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
o-Xylene	**ND**	1.0	EPA 8021	3-25-11	3-25-11	
Gasoline	**ND**	100	NWTPH-Gx	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*105*	*73-121*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-229-04										
	ORIG	DUP									
Benzene	**11.4**	**10.2**	NA	NA		NA		NA	11	30	
Toluene	**36.9**	**35.2**	NA	NA		NA		NA	5	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**27.4**	**25.9**	NA	NA		NA		NA	6	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**6560**	**6760**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*103*	*104*	*73-121*			
MATRIX SPIKES											
Laboratory ID:	03-229-04										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**519**	**515**	500	500	11.4	**102**	**101**	82-120	1	8	
Toluene	**573**	**560**	500	500	36.9	**107**	**105**	84-119	2	8	
Ethyl Benzene	**560**	**553**	500	500	ND	**112**	**111**	84-122	1	9	
m,p-Xylene	**575**	**571**	500	500	27.4	**110**	**109**	85-121	1	9	
o-Xylene	**538**	**529**	500	500	ND	**108**	**106**	84-121	2	9	
Surrogate:											
Fluorobenzene						*107*	*106*	*73-121*			

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Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-3**					
Laboratory ID:	03-229-06					
Dichlorodifluoromethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	2.8	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.56	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	2.8	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Acetone	ND	2.8	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	2.8	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.56	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	2.8	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.8	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.56	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.56	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	2.8	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	2.8	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.8	EPA 8260	3-25-11	3-25-11	
Toluene	ND	2.8	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.56	EPA 8260	3-25-11	3-25-11	

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Samples Submitted: March 24, 2011
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Project: 0146970030

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-3**					
Laboratory ID:	03-229-06					
1,1,2-Trichloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.56	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.8	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	2.9	0.56	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	19	1.1	EPA 8260	3-25-11	3-25-11	
o-Xylene	11	0.56	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	0.56	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	1.8	0.56	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.56	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	1.6	0.56	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.56	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	8.0	0.56	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	11	0.56	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	1.9	0.56	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	2.3	0.56	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	2.8	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	2.8	EPA 8260	3-25-11	3-25-11	
Naphthalene	9.0	0.56	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.56	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*70*	*63-127*				
Toluene-d8	*76*	*65-129*				
4-Bromofluorobenzene	*78*	*55-121*				

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Laboratory Reference: 1103-229
Project: 0146970030

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-4.5**					
Laboratory ID:	03-229-07					
Dichlorodifluoromethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	2.2	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.43	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	2.2	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Acetone	ND	2.2	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	2.2	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.43	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	2.2	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.2	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.43	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.43	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	2.2	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	2.2	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.2	EPA 8260	3-25-11	3-25-11	
Toluene	ND	2.2	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.43	EPA 8260	3-25-11	3-25-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-4.5**					
Laboratory ID:	03-229-07					
1,1,2-Trichloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.43	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.2	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	0.71	0.43	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	3.5	0.86	EPA 8260	3-25-11	3-25-11	
o-Xylene	1.6	0.43	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	0.43	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	1.6	0.43	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.43	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	2.7	0.43	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.43	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	1.2	0.43	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	2.5	0.43	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	1.5	0.43	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	0.62	0.43	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	1.9	0.43	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	2.2	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	2.2	EPA 8260	3-25-11	3-25-11	
Naphthalene	10	0.43	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.43	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*69*	*63-127*				
Toluene-d8	*78*	*65-129*				
4-Bromofluorobenzene	*83*	*55-121*				

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0325S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Acetone	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	0.0050	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	0.0050	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Toluene	ND	0.0050	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	3-25-11	3-25-11	

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0325S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	ND	0.0020	EPA 8260	3-25-11	3-25-11	
o-Xylene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	3-25-11	3-25-11	
Naphthalene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*78*	*63-127*				
Toluene-d8	*85*	*65-129*				
4-Bromofluorobenzene	*94*	*55-121*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	SB0325S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0469**	**0.0481**	0.0500	0.0500	94	96	70-130	3	19	
Benzene	**0.0458**	**0.0470**	0.0500	0.0500	92	94	70-125	3	15	
Trichloroethene	**0.0488**	**0.0484**	0.0500	0.0500	98	97	70-122	1	14	
Toluene	**0.0483**	**0.0487**	0.0500	0.0500	97	97	73-120	1	16	
Chlorobenzene	**0.0454**	**0.0461**	0.0500	0.0500	91	92	74-109	2	12	
Surrogate:										
Dibromofluoromethane					*69*	*71*	*63-127*			
Toluene-d8					*75*	*81*	*65-129*			
4-Bromofluorobenzene					*80*	*88*	*55-121*			

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-W**					
Laboratory ID:	03-229-08					
Dichlorodifluoromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Acetone	ND	10	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	2.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	4.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	10	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Benzene	23	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260	3-25-11	3-25-11	
Toluene	2.4	2.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-W**					
Laboratory ID:	03-229-08					
1,1,2-Trichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	4.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	9.6	0.40	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	26	0.80	EPA 8260	3-25-11	3-25-11	
o-Xylene	9.1	0.40	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	2.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	24	0.40	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	30	0.40	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.40	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	1.3	0.40	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	0.57	0.40	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	6.0	0.40	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	4.4	0.40	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	0.52	0.40	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	4.8	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Naphthalene	92	2.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*68-107*				
Toluene-d8	*91*	*73-102*				
4-Bromofluorobenzene	*108*	*65-104*				Q

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-W-D**					
Laboratory ID:	03-229-09					
Dichlorodifluoromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Acetone	ND	10	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	2.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	2.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	4.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	10	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Benzene	23	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260	3-25-11	3-25-11	
Toluene	2.5	2.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260	3-25-11	3-25-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-W-D**					
Laboratory ID:	03-229-09					
1,1,2-Trichloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	4.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	9.9	0.40	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	27	0.80	EPA 8260	3-25-11	3-25-11	
o-Xylene	9.2	0.40	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	2.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	24	0.40	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.40	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	30	0.40	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.40	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	1.3	0.40	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	0.57	0.40	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	6.1	0.40	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	4.3	0.40	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	0.51	0.40	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	5.0	0.40	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Naphthalene	97	2.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*78*	*68-107*				
Toluene-d8	*87*	*73-102*				
4-Bromofluorobenzene	*108*	*65-104*				Q

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032411**					
Laboratory ID:	03-229-12					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloromethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromomethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloroethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Acetone	ND	5.0	EPA 8260	3-28-11	3-28-11	
Iodomethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methylene Chloride	4.6	1.0	EPA 8260	3-28-11	3-28-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-28-11	3-28-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Butanone	ND	5.0	EPA 8260	3-28-11	3-28-11	
Bromochloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloroform	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Benzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Trichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Dibromomethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-28-11	3-28-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-28-11	3-28-11	
Toluene	ND	1.0	EPA 8260	3-28-11	3-28-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032411**					
Laboratory ID:	03-229-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Hexanone	ND	2.0	EPA 8260	3-28-11	3-28-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Ethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
m,p-Xylene	ND	0.40	EPA 8260	3-28-11	3-28-11	
o-Xylene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Styrene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromoform	ND	1.0	EPA 8260	3-28-11	3-28-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-28-11	3-28-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Naphthalene	ND	1.0	EPA 8260	3-28-11	3-28-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-107*				
Toluene-d8	*84*	*73-102*				
4-Bromofluorobenzene	*83*	*65-104*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0325W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloromethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Acetone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Iodomethane	ND	1.0	EPA 8260	3-25-11	3-25-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methylene Chloride	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-25-11	3-25-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Butanone	ND	5.0	EPA 8260	3-25-11	3-25-11	
Bromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chloroform	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Benzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Trichloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Dibromomethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-25-11	3-25-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Toluene	ND	1.0	EPA 8260	3-25-11	3-25-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-25-11	3-25-11	

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Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0325W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Hexanone	ND	2.0	EPA 8260	3-25-11	3-25-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Chlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
Ethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
m,p-Xylene	ND	0.40	EPA 8260	3-25-11	3-25-11	
o-Xylene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Styrene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromoform	ND	1.0	EPA 8260	3-25-11	3-25-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Bromobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Naphthalene	ND	1.0	EPA 8260	3-25-11	3-25-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-107*				
Toluene-d8	*84*	*73-102*				
4-Bromofluorobenzene	*84*	*65-104*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0328W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloromethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Vinyl Chloride	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromomethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloroethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Acetone	ND	5.0	EPA 8260	3-28-11	3-28-11	
Iodomethane	ND	1.0	EPA 8260	3-28-11	3-28-11	
Carbon Disulfide	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methylene Chloride	ND	1.0	EPA 8260	3-28-11	3-28-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Vinyl Acetate	ND	2.0	EPA 8260	3-28-11	3-28-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Butanone	ND	5.0	EPA 8260	3-28-11	3-28-11	
Bromochloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chloroform	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Benzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Trichloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Dibromomethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromodichloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	3-28-11	3-28-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	3-28-11	3-28-11	
Toluene	ND	1.0	EPA 8260	3-28-11	3-28-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	3-28-11	3-28-11	

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Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0328W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Tetrachloroethene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Hexanone	ND	2.0	EPA 8260	3-28-11	3-28-11	
Dibromochloromethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Chlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
Ethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
m,p-Xylene	ND	0.40	EPA 8260	3-28-11	3-28-11	
o-Xylene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Styrene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromoform	ND	1.0	EPA 8260	3-28-11	3-28-11	
Isopropylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Bromobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	3-28-11	3-28-11	
n-Propylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
2-Chlorotoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
4-Chlorotoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
tert-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
sec-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
n-Butylbenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	3-28-11	3-28-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Naphthalene	ND	1.0	EPA 8260	3-28-11	3-28-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	3-28-11	3-28-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*68-107*				
Toluene-d8	*86*	*73-102*				
4-Bromofluorobenzene	*83*	*65-104*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	SB0325W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.5**	**10.3**	10.0	10.0	105	103	70-130	2	11	
Benzene	**10.0**	**9.72**	10.0	10.0	100	97	79-123	3	8	
Trichloroethene	**9.70**	**9.67**	10.0	10.0	97	97	82-113	0	9	
Toluene	**9.82**	**9.87**	10.0	10.0	98	99	84-113	1	8	
Chlorobenzene	**10.0**	**10.2**	10.0	10.0	100	102	89-111	2	8	
Surrogate:										
Dibromofluoromethane					*82*	*82*	*68-107*			
Toluene-d8					*84*	*86*	*73-102*			
4-Bromofluorobenzene					*80*	*82*	*65-104*			

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	SB0328W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.3**	**10.4**	10.0	10.0	103	104	70-130	1	11	
Benzene	**10.0**	**10.2**	10.0	10.0	100	102	79-123	2	8	
Trichloroethene	**9.79**	**10.0**	10.0	10.0	98	100	82-113	2	9	
Toluene	**9.85**	**10.2**	10.0	10.0	99	102	84-113	3	8	
Chlorobenzene	**10.4**	**10.7**	10.0	10.0	104	107	89-111	3	8	
Surrogate:										
Dibromofluoromethane					*83*	*82*	*68-107*			
Toluene-d8					*85*	*85*	*73-102*			
4-Bromofluorobenzene					*81*	*81*	*65-104*			

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-39-0311-2.5**					
Laboratory ID:	03-229-01					
Naphthalene	**5.6**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
2-Methylnaphthalene	**10**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
1-Methylnaphthalene	**6.7**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthylene	**ND**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthene	**2.7**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Fluorene	**1.8**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Phenanthrene	**4.0**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Anthracene	**0.72**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Fluoranthene	**1.9**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Pyrene	**1.7**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]anthracene	**0.56**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Chrysene	**0.77**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[b]fluoranthene	**0.47**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[k]fluoranthene	**0.40**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]pyrene	**0.40**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[g,h,i]perylene	**ND**	0.38	EPA 8270/SIM	3-25-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*43 - 109*				
Pyrene-d10	*71*	*38 - 128*				
Terphenyl-d14	*64*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-39-0311-2.5-D**					
Laboratory ID:	03-229-02					
Naphthalene	**5.8**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
2-Methylnaphthalene	**11**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
1-Methylnaphthalene	**7.1**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Acenaphthylene	**ND**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Acenaphthene	**2.6**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Fluorene	**1.9**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Phenanthrene	**4.2**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Anthracene	**0.77**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Fluoranthene	**2.2**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Pyrene	**2.0**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[a]anthracene	**0.56**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Chrysene	**0.76**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[b]fluoranthene	**0.45**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[a]pyrene	**0.42**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.36	EPA 8270/SIM	3-25-11	4-2-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*43 - 109*				
Pyrene-d10	*81*	*38 - 128*				
Terphenyl-d14	*68*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-39-0311-5**					
Laboratory ID:	03-229-03					
Naphthalene	**0.045**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
2-Methylnaphthalene	**2.6**	0.070	EPA 8270/SIM	3-25-11	3-29-11	
1-Methylnaphthalene	**2.0**	0.070	EPA 8270/SIM	3-25-11	3-29-11	
Acenaphthylene	**0.046**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthene	**0.94**	0.070	EPA 8270/SIM	3-25-11	3-29-11	
Fluorene	**0.66**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Phenanthrene	**1.5**	0.070	EPA 8270/SIM	3-25-11	3-29-11	
Anthracene	**0.27**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Fluoranthene	**0.64**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Pyrene	**0.61**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]anthracene	**0.18**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Chrysene	**0.24**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[b]fluoranthene	**0.14**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[k]fluoranthene	**0.11**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]pyrene	**0.15**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Indeno(1,2,3-c,d)pyrene	**0.092**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Dibenz[a,h]anthracene	**0.033**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[g,h,i]perylene	**0.12**	0.0070	EPA 8270/SIM	3-25-11	3-28-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*43 - 109*				
Pyrene-d10	*77*	*38 - 128*				
Terphenyl-d14	*68*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-41-0311-3**					
Laboratory ID:	03-229-06					
Naphthalene	**12**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
2-Methylnaphthalene	**7.3**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
1-Methylnaphthalene	**5.1**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Acenaphthylene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Acenaphthene	**0.82**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Fluorene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Phenanthrene	**1.4**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Anthracene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Fluoranthene	**0.64**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Pyrene	**0.56**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[a]anthracene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Chrysene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[a]pyrene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.52	EPA 8270/SIM	3-25-11	4-2-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*37*	*43 - 109*				Q
Pyrene-d10	*49*	*38 - 128*				
Terphenyl-d14	*37*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-41-0311-4.5**					
Laboratory ID:	03-229-07					
Naphthalene	**37**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
2-Methylnaphthalene	**24**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
1-Methylnaphthalene	**17**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthylene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Acenaphthene	**3.5**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Fluorene	**2.1**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Phenanthrene	**8.1**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Anthracene	**0.96**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Fluoranthene	**3.2**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Pyrene	**3.1**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]anthracene	**0.99**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Chrysene	**1.4**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[b]fluoranthene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[k]fluoranthene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[a]pyrene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Benzo[g,h,i]perylene	**ND**	0.85	EPA 8270/SIM	3-25-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*64*	*43 - 109*				
Pyrene-d10	*58*	*38 - 128*				
Terphenyl-d14	*56*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0325S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	3-25-11	3-28-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*43 - 109*				
Pyrene-d10	*93*	*38 - 128*				
Terphenyl-d14	*85*	*33 - 119*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	03-218-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0661**	**0.0606**	0.0833	0.0833	ND	79	73	39 - 110	9	21	
Acenaphthylene	**0.0683**	**0.0617**	0.0833	0.0833	ND	82	74	47 - 124	10	21	
Acenaphthene	**0.0667**	**0.0605**	0.0833	0.0833	ND	80	73	50 - 120	10	20	
Fluorene	**0.0671**	**0.0624**	0.0833	0.0833	ND	81	75	52 - 126	7	21	
Phenanthrene	**0.0708**	**0.0627**	0.0833	0.0833	ND	85	75	41 - 130	12	22	
Anthracene	**0.0641**	**0.0585**	0.0833	0.0833	ND	77	70	48 - 124	9	23	
Fluoranthene	**0.0758**	**0.0656**	0.0833	0.0833	ND	91	79	40 - 137	14	23	
Pyrene	**0.0756**	**0.0678**	0.0833	0.0833	ND	91	81	36 - 139	11	23	
Benzo[a]anthracene	**0.0629**	**0.0569**	0.0833	0.0833	ND	76	68	43 - 127	10	21	
Chrysene	**0.0656**	**0.0584**	0.0833	0.0833	ND	79	70	41 - 133	12	19	
Benzo[b]fluoranthene	**0.0674**	**0.0593**	0.0833	0.0833	ND	81	71	40 - 132	13	25	
Benzo[k]fluoranthene	**0.0674**	**0.0594**	0.0833	0.0833	ND	81	71	35 - 132	13	25	
Benzo[a]pyrene	**0.0654**	**0.0604**	0.0833	0.0833	ND	79	73	37 - 131	8	26	
Indeno(1,2,3-c,d)pyrene	**0.0744**	**0.0687**	0.0833	0.0833	ND	89	82	39 - 134	8	23	
Dibenz[a,h]anthracene	**0.0733**	**0.0679**	0.0833	0.0833	ND	88	82	40 - 137	8	21	
Benzo[g,h,i]perylene	**0.0702**	**0.0656**	0.0833	0.0833	ND	84	79	35 - 135	7	22	
Surrogate:											
2-Fluorobiphenyl						*76*	*69*	*43 - 109*			
Pyrene-d10						*84*	*78*	*38 - 128*			
Terphenyl-d14						*71*	*65*	*33 - 119*			

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-39-0311-W**					
Laboratory ID:	03-229-04					
Naphthalene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
2-Methylnaphthalene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
1-Methylnaphthalene	**9.2**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthylene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Fluorene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Phenanthrene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Anthracene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Fluoranthene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Pyrene	**ND**	4.8	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]anthracene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Chrysene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[b]fluoranthene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[k]fluoranthene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]pyrene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[g,h,i]perylene	**ND**	0.48	EPA 8270/SIM	3-28-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*62*	*38 - 105*				
Pyrene-d10	*80*	*37 - 121*				
Terphenyl-d14	*63*	*32 - 112*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-41-0311-W**					
Laboratory ID:	03-229-08					
Naphthalene	**27**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
2-Methylnaphthalene	**22**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
1-Methylnaphthalene	**18**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthylene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Fluorene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Phenanthrene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Anthracene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Fluoranthene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Pyrene	**ND**	9.6	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]anthracene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Chrysene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[b]fluoranthene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[k]fluoranthene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]pyrene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[g,h,i]perylene	**ND**	0.96	EPA 8270/SIM	3-28-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*55*	*38 - 105*				
Pyrene-d10	*75*	*37 - 121*				
Terphenyl-d14	*72*	*32 - 112*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	**KM-41-0311-W-D**					
Laboratory ID:	03-229-09					
Naphthalene	**42**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
2-Methylnaphthalene	**29**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
1-Methylnaphthalene	**23**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthylene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Acenaphthene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Fluorene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Phenanthrene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Anthracene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Fluoranthene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Pyrene	**ND**	9.5	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]anthracene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Chrysene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[b]fluoranthene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[k]fluoranthene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[a]pyrene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Dibenz[a,h]anthracene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Benzo[g,h,i]perylene	**ND**	0.95	EPA 8270/SIM	3-28-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*38 - 105*				
Pyrene-d10	*97*	*37 - 121*				
Terphenyl-d14	*75*	*32 - 112*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0328W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	3-28-11	3-30-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*38 - 105*				
Pyrene-d10	*98*	*37 - 121*				
Terphenyl-d14	*90*	*32 - 112*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	SB0328W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.316**	**0.318**	0.500	0.500	63	64	38 - 110	1	35	
Acenaphthylene	**0.343**	**0.398**	0.500	0.500	69	80	47 - 120	15	30	
Acenaphthene	**0.345**	**0.390**	0.500	0.500	69	78	46 - 113	12	26	
Fluorene	**0.442**	**0.353**	0.500	0.500	88	71	60 - 104	22	25	
Phenanthrene	**0.368**	**0.403**	0.500	0.500	74	81	61 - 99	9	19	
Anthracene	**0.377**	**0.383**	0.500	0.500	75	77	55 - 122	2	19	
Fluoranthene	**0.424**	**0.441**	0.500	0.500	85	88	58 - 129	4	18	
Pyrene	**0.394**	**0.412**	0.500	0.500	79	82	57 - 126	4	22	
Benzo[a]anthracene	**0.343**	**0.382**	0.500	0.500	69	76	51 - 124	11	18	
Chrysene	**0.336**	**0.378**	0.500	0.500	67	76	53 - 123	12	20	
Benzo[b]fluoranthene	**0.387**	**0.441**	0.500	0.500	77	88	53 - 126	13	18	
Benzo[k]fluoranthene	**0.417**	**0.419**	0.500	0.500	83	84	51 - 126	0	23	
Benzo[a]pyrene	**0.335**	**0.384**	0.500	0.500	67	77	52 - 127	14	21	
Indeno(1,2,3-c,d)pyrene	**0.379**	**0.413**	0.500	0.500	76	83	49 - 123	9	26	
Dibenz[a,h]anthracene	**0.387**	**0.418**	0.500	0.500	77	84	39 - 125	8	31	
Benzo[g,h,i]perylene	**0.368**	**0.388**	0.500	0.500	74	78	40 - 125	5	30	
Surrogate:										
2-Fluorobiphenyl					*64*	*69*	*38 - 105*			
Pyrene-d10					*85*	*86*	*37 - 121*			
Terphenyl-d14					*72*	*73*	*32 - 112*			

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-0311-2.5**					
Laboratory ID:	03-229-01					
Aroclor 1016	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**0.15**	0.058	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*42-123*				
Client ID:	**KM-39-0311-2.5-D**					
Laboratory ID:	03-229-02					
Aroclor 1016	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.055	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**0.19**	0.055	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*42-123*				
Client ID:	**KM-39-0311-5**					
Laboratory ID:	03-229-03					
Aroclor 1016	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.053	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*42-123*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-0311-3**					
Laboratory ID:	03-229-06					
Aroclor 1016	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1221	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1232	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1242	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1248	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1254	**ND**	7.9	EPA 8082	3-25-11	3-31-11	
Aroclor 1260	**58**	7.9	EPA 8082	3-25-11	3-31-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*42-123*				S
Client ID:	**KM-41-0311-4.5**					
Laboratory ID:	03-229-07					
Aroclor 1016	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1221	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1232	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1242	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1248	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1254	**ND**	1.3	EPA 8082	3-25-11	3-31-11	
Aroclor 1260	**10**	1.3	EPA 8082	3-25-11	3-31-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*42-123*				S
Client ID:	**KM-42-0311-2**					
Laboratory ID:	03-229-10					
Aroclor 1016	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1221	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1232	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1242	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1248	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1254	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Aroclor 1260	**ND**	0.067	EPA 8082	3-25-11	3-31-11	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*105*	*42-123*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-42-0311-5**					
Laboratory ID:	03-229-11					
Aroclor 1016	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.058	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**0.53**	0.058	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*42-123*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0325S1					
Aroclor 1016	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*42-123*				
Laboratory ID:	MB0325S1					
Aroclor 1016	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1221	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1232	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1242	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1248	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1254	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Aroclor 1260	**ND**	0.050	EPA 8082	3-25-11	3-31-11	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*105*	*42-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-217-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.450**	**0.451**	0.500	0.500	ND	**90**	**90**	44-125	0	15	
Surrogate:											
DCB						*91*	*91*	*42-123*			

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-0311-Rinsate**					
Laboratory ID:	03-229-05					
Aroclor 1016	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.10	EPA 8082	3-25-11	3-25-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*36-127*				

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

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:	MB0325W1					
Aroclor 1016	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1221	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1232	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1242	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1248	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1254	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
Aroclor 1260	**ND**	0.050	EPA 8082	3-25-11	3-25-11	
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:	SB0325W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.378**	**0.397**	0.500	0.500	N/A	**76**	**79**	57-122	5	11	
Surrogate:											
DCB						*77*	*80*	*36-127*			

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

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-229-04					
Client ID:	**KM-39-0311-W**					
Arsenic	**17**	3.3	200.8	3-29-11	3-29-11	
Chromium	**ND**	11	200.8	3-29-11	3-29-11	
Lead	**2.9**	1.1	200.8	3-29-11	3-29-11	
Lab ID:	03-229-08					
Client ID:	**KM-41-0311-W**					
Arsenic	**11**	3.3	200.8	3-29-11	3-29-11	
Chromium	**ND**	11	200.8	3-29-11	3-29-11	
Lead	**60**	1.1	200.8	3-29-11	3-29-11	
Lab ID:	03-229-09					
Client ID:	**KM-41-0311-W-D**					
Arsenic	**11**	3.3	200.8	3-29-11	3-29-11	
Chromium	**ND**	11	200.8	3-29-11	3-29-11	
Lead	**66**	1.1	200.8	3-29-11	3-29-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-29-11
Date Analyzed:	3-29-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0329W2

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 3-29-11
Date Analyzed: 3-29-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-229-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**17.1**	**16.6**	3	3.3	
Chromium	**ND**	**ND**	NA	11	
Lead	**2.93**	**2.83**	3	1.1	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 3-29-11
Date Analyzed: 3-29-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-229-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**131**	104	**132**	104	0	
Chromium	110	**106**	96	**107**	97	1	
Lead	110	**119**	105	**121**	107	2	

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Date of Report: April 4, 2011
Samples Submitted: March 24, 2011
Laboratory Reference: 1103-229
Project: 0146970030

% MOISTURE

Date Analyzed: 3-25-11

Client ID	Lab ID	% Moisture
KM-39-0311-2.5	03-229-01	13
KM-39-0311-2.5-D	03-229-02	9
KM-39-0311-5	03-229-03	5
KM-41-0311-3	03-229-06	36
KM-41-0311-4.5	03-229-07	21
KM-42-0311-2	03-229-10	25
KM-42-0311-5	03-229-11	14

This report pertains to the samples analyzed in accordance with the chain of custody,
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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 - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 03-229

Company: AMEC Geomatrix
Project Number: 0146970030
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: S. Mikelich

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one) As/Pb/Cr	TCLP Metals	HEM (oil and grease) 1664							% Moisture
1	km-39-0311-2.5	3/24/11	0840	S	2		X						X	X													X
2	km-39-0311-2.5-D	3/24/11	0841	S	2		X						X	X													↓
3	km-39-0311-5	3/24/11	0843	S	2		X						X	X													↓
4	km-39-0311-W*	3/24/11	0935	W	13		X						X					X									
5	km-0311-Rinsate	3/24/11	0945	W	1									X													
6	km-41-0311-3	3/24/11	1016	S	5			X		X			X	X													X
7	km-41-0311-4.5	3/24/11	1020	S	5			X		X			X	X													↓
8	km-41-0311-W	3/24/11	1110	W	8			X		X			X					X									
9	km-41-0311-W-D	3/24/11	1115	W	8			X		X			X					X									
10	km-42-0311-2	3/24/11	1209	S	1									X													X

3/24/11

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/24/11	1530
Received		ONE	3/24/11	1530
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions
* Run for MS/MSD.

Reviewed/Date _____ Reviewed/Date _____

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

SAMPLE CHAIN OF CUSTODY

Send Report To Tasya Gray
Company AMEC Geomatrix
Address 600 University, 1020
City, State, ZIP Seattle WA
Phone # 206-342-1760 Fax #

SAMPLERS *(signature)*

PROJECT NAME/NO.: Kelly Moore 014 6970030

PO#

REMARKS: 03-229

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

	Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	PCB (8082)					Notes
11	KM-42-0311-5	11	3/24/11	1215	S	1							X					X % MOISTURE
12	TB-032411	12	3/24/11		W	1				X								

3/24/11

3/24/11

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Shauna Mikalich	AMEC Geomatrix	3/24/11	1530
Received by:	MOUN	OSE	3/24/11	1530
Relinquished by:				
Received by:				

FORMS\COC\COC.DOC

Sample/Cooler Receipt and Acceptance Checklist

Client: AMEC

Client Project Name/Number: 6146970030

OnSite Project Number: 03-229

Initiated by: JMV

Date Initiated: 3/24/11

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	No	N/A	1 2 3 4
1.2 Were the custody seals intact?	Yes	No	N/A	1 2 3 4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	N/A	1 2 3 4
1.4 Were the samples delivered on ice or blue ice?	Yes	No		1 2 3 4
1.5 Were samples received between 0-6 degrees Celsius?	Yes	No	Temperature: 5	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	N/A		
1.7 How were the samples delivered?	Client	Courier	UPS/FedEx	OSE Pickup / Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	Yes	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	Yes	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	Yes	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	Yes	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	No	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	No		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	No		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	Yes	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and air bubbles?	Yes	No	N/A	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	Yes	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	N/A	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	1	N/A	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 6, 2011

Tasya Gray
AMEC Geomatrix Consultants, Inc.
One Union Square
600 University Street, Suite 1020
Seattle, WA 98101

Re: Analytical Data for Project 00146970030
Laboratory Reference No. 1103-260

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 28, 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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

Case Narrative

Samples were collected on March 28, 2011 and received by the laboratory on March 28, 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-05-0311**					
Laboratory ID:	03-260-02					
Benzene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Toluene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
o-Xylene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Gasoline	**ND**	100	NWTPH-Gx	3-31-11	3-31-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***73-121***				
Client ID:	**KMW-03-0311**					
Laboratory ID:	03-260-03					
Benzene	**8.1**	1.0	EPA 8021	3-31-11	3-31-11	
Toluene	**ND**	4.0	EPA 8021	4-4-11	4-4-11	
Ethyl Benzene	**3100**	50	EPA 8021	4-5-11	4-5-11	
m,p-Xylene	**18**	4.0	EPA 8021	4-4-11	4-4-11	
o-Xylene	**ND**	4.0	EPA 8021	4-4-11	4-4-11	
Gasoline	**7700**	400	NWTPH-Gx	4-4-11	4-4-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***98***	***73-121***				
Client ID:	**KMW-03-0311-D**					
Laboratory ID:	03-260-04					
Benzene	**8.4**	1.0	EPA 8021	3-31-11	3-31-11	
Toluene	**ND**	4.0	EPA 8021	4-4-11	4-4-11	
Ethyl Benzene	**2700**	50	EPA 8021	4-5-11	4-5-11	
m,p-Xylene	**18**	4.0	EPA 8021	4-4-11	4-4-11	
o-Xylene	**ND**	4.0	EPA 8021	4-4-11	4-4-11	
Gasoline	**7000**	400	NWTPH-Gx	4-4-11	4-4-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***91***	***73-121***				
Client ID:	**KMW-02-0311**					
Laboratory ID:	03-260-05					
Gasoline	**ND**	100	NWTPH-Gx	3-31-11	3-31-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***73-121***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-0311**					
Laboratory ID:	03-260-06					
Gasoline	**ND**	100	NWTPH-Gx	3-31-11	3-31-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***73-121***				
Client ID:	**KMW-04-0311**					
Laboratory ID:	03-260-07					
Benzene	**10**	1.0	EPA 8021	3-31-11	3-31-11	
Toluene	**7400**	100	EPA 8021	4-4-11	4-4-11	
Ethyl Benzene	**5700**	500	EPA 8021	4-5-11	4-5-11	
m,p-Xylene	**12000**	500	EPA 8021	4-5-11	4-5-11	
o-Xylene	**3400**	100	EPA 8021	4-4-11	4-4-11	
Gasoline	**75000**	10000	NWTPH-Gx	4-4-11	4-4-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***73-121***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0331W2					
Benzene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Toluene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
m,p-Xylene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
o-Xylene	**ND**	1.0	EPA 8021	3-31-11	3-31-11	
Gasoline	**ND**	100	NWTPH-Gx	3-31-11	3-31-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***73-121***				
Laboratory ID:	MB0404W2					
Benzene	**ND**	1.0	EPA 8021	4-4-11	4-4-11	
Toluene	**ND**	1.0	EPA 8021	4-4-11	4-4-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	4-4-11	4-4-11	
m,p-Xylene	**ND**	1.0	EPA 8021	4-4-11	4-4-11	
o-Xylene	**ND**	1.0	EPA 8021	4-4-11	4-4-11	
Gasoline	**ND**	100	NWTPH-Gx	4-4-11	4-4-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***73-121***				
Laboratory ID:	MB0405W1					
Benzene	**ND**	1.0	EPA 8021	4-5-11	4-5-11	
Toluene	**ND**	1.0	EPA 8021	4-5-11	4-5-11	
Ethyl Benzene	**ND**	1.0	EPA 8021	4-5-11	4-5-11	
m,p-Xylene	**ND**	1.0	EPA 8021	4-5-11	4-5-11	
o-Xylene	**ND**	1.0	EPA 8021	4-5-11	4-5-11	
Gasoline	**ND**	100	NWTPH-Gx	4-5-11	4-5-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***84***	***73-121***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-260-02										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***85***	***85***	***73-121***			
MATRIX SPIKES											
Laboratory ID:	03-260-02										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**50.6**	**52.1**	50.0	50.0	ND	**101**	**104**	82-120	3	8	
Toluene	**52.6**	**54.2**	50.0	50.0	ND	**105**	**108**	84-119	3	8	
Ethyl Benzene	**54.0**	**55.7**	50.0	50.0	ND	**108**	**111**	84-122	3	9	
m,p-Xylene	**52.5**	**53.7**	50.0	50.0	ND	**105**	**107**	85-121	2	9	
o-Xylene	**51.9**	**53.4**	50.0	50.0	ND	**104**	**107**	84-121	3	9	
Surrogate:											
Fluorobenzene						***93***	***98***	***73-121***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032811**					
Laboratory ID:	03-260-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Acetone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	4.5	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Butanone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Benzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Toluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TB-032811**					
Laboratory ID:	03-260-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Hexanone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Ethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
m,p-Xylene	ND	0.40	EPA 8260	4-1-11	4-1-11	
o-Xylene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Styrene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Naphthalene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***86***	***68-107***				
Toluene-d8	***91***	***73-102***				
4-Bromofluorobenzene	***87***	***65-104***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-02-0311**					
Laboratory ID:	03-260-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Acetone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	0.26	0.20	EPA 8260	4-1-11	4-1-11	
2-Butanone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Benzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Toluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-02-0311**					
Laboratory ID:	03-260-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Hexanone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Ethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
m,p-Xylene	ND	0.40	EPA 8260	4-1-11	4-1-11	
o-Xylene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Styrene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Naphthalene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***81***	***68-107***				
Toluene-d8	***85***	***73-102***				
4-Bromofluorobenzene	***80***	***65-104***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-0311**					
Laboratory ID:	03-260-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Acetone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Butanone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Benzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Toluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-0311**					
Laboratory ID:	03-260-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Hexanone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Ethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
m,p-Xylene	ND	0.40	EPA 8260	4-1-11	4-1-11	
o-Xylene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Styrene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Naphthalene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***91***	***68-107***				
Toluene-d8	***91***	***73-102***				
4-Bromofluorobenzene	***87***	***65-104***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	MB0401W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Acetone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Butanone	ND	5.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Benzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Toluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0401W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Hexanone	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Ethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
m,p-Xylene	ND	0.40	EPA 8260	4-1-11	4-1-11	
o-Xylene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Styrene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Naphthalene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***83***	***68-107***				
Toluene-d8	***92***	***73-102***				
4-Bromofluorobenzene	***87***	***65-104***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-260-06										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	**9.29**	**9.21**	10.0	10.0	ND	93	92	70-130	1	12	
Benzene	**9.53**	**9.67**	10.0	10.0	ND	95	97	84-123	1	11	
Trichloroethene	**9.49**	**9.61**	10.0	10.0	ND	95	96	80-117	1	14	
Toluene	**9.71**	**9.68**	10.0	10.0	ND	97	97	87-115	0	12	
Chlorobenzene	**10.0**	**10.0**	10.0	10.0	ND	100	100	86-117	0	13	
Surrogate:											
Dibromofluoromethane						***87***	***82***	***68-107***			
Toluene-d8						***91***	***84***	***73-102***			
4-Bromofluorobenzene						***88***	***81***	***65-104***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-05-0311**					
Laboratory ID:	03-260-02					
Naphthalene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
2-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***67***	***38 - 105***				
Pyrene-d10	***87***	***37 - 121***				
Terphenyl-d14	***83***	***32 - 112***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-03-0311**					
Laboratory ID:	03-260-03					
Naphthalene	**4.8**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
2-Methylnaphthalene	**0.37**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**0.25**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.096	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***52***	***38 - 105***				
Pyrene-d10	***64***	***37 - 121***				
Terphenyl-d14	***64***	***32 - 112***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-03-0311-D**					
Laboratory ID:	03-260-04					
Naphthalene	**5.7**	0.47	EPA 8270/SIM	3-30-11	4-4-11	
2-Methylnaphthalene	**0.37**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**0.25**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***59***	***38 - 105***				
Pyrene-d10	***62***	***37 - 121***				
Terphenyl-d14	***71***	***32 - 112***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-02-0311**					
Laboratory ID:	03-260-05					
Naphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
2-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***66***	***38 - 105***				
Pyrene-d10	***84***	***37 - 121***				
Terphenyl-d14	***79***	***32 - 112***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-01-0311**					
Laboratory ID:	03-260-06					
Naphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
2-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***45***	***38 - 105***				
Pyrene-d10	***52***	***37 - 121***				
Terphenyl-d14	***49***	***32 - 112***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	**KMW-04-0311**					
Laboratory ID:	03-260-07					
Naphthalene	**7.2**	0.58	EPA 8270/SIM	3-30-11	4-4-11	
2-Methylnaphthalene	**0.93**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
1-Methylnaphthalene	**0.56**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthylene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Acenaphthene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Fluorene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Phenanthrene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Anthracene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Fluoranthene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Pyrene	**ND**	0.12	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]anthracene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Chrysene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[b]fluoranthene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[k]fluoranthene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[a]pyrene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270/SIM	3-30-11	4-2-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***38***	***38 - 105***				
Pyrene-d10	***76***	***37 - 121***				
Terphenyl-d14	***71***	***32 - 112***				

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

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:	MB0330W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	3-30-11	3-30-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Benzo[k]fluoranthene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	3-30-11	3-30-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***79***	***38 - 105***				
Pyrene-d10	***84***	***37 - 121***				
Terphenyl-d14	***79***	***32 - 112***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

PAHs by EPA 8270D/SIM
MS/MSD QUALITY CONTROL
(with silica gel clean-up)

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-260-02										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.332**	**0.336**	0.474	0.477	ND	70	70	38 - 110	1	25	
Acenaphthylene	**0.349**	**0.356**	0.474	0.477	ND	74	75	47 - 120	2	25	
Acenaphthene	**0.345**	**0.361**	0.474	0.477	ND	73	76	46 - 113	5	25	
Fluorene	**0.373**	**0.393**	0.474	0.477	ND	79	82	55 - 113	5	25	
Phenanthrene	**0.366**	**0.388**	0.474	0.477	ND	77	81	58 - 109	6	25	
Anthracene	**0.416**	**0.441**	0.474	0.477	ND	88	92	55 - 122	6	25	
Fluoranthene	**0.397**	**0.425**	0.474	0.477	ND	84	89	58 - 129	7	25	
Pyrene	**0.389**	**0.416**	0.474	0.477	ND	82	87	57 - 126	7	25	
Benzo[a]anthracene	**0.358**	**0.381**	0.474	0.477	ND	76	80	51 - 124	6	25	
Chrysene	**0.358**	**0.379**	0.474	0.477	ND	76	79	53 - 123	6	25	
Benzo[b]fluoranthene	**0.352**	**0.378**	0.474	0.477	ND	74	79	53 - 126	7	25	
Benzo[k]fluoranthene	**0.334**	**0.363**	0.474	0.477	ND	70	76	51 - 126	8	25	
Benzo[a]pyrene	**0.347**	**0.369**	0.474	0.477	ND	73	77	52 - 127	6	25	
Indeno(1,2,3-c,d)pyrene	**0.328**	**0.354**	0.474	0.477	ND	69	74	49 - 123	8	25	
Dibenz[a,h]anthracene	**0.316**	**0.339**	0.474	0.477	ND	67	71	39 - 125	7	25	
Benzo[g,h,i]perylene	**0.328**	**0.347**	0.474	0.477	ND	69	73	40 - 125	6	25	
Surrogate:											
2-Fluorobiphenyl						***70***	***69***	***38 - 105***			
Pyrene-d10						***87***	***91***	***37 - 121***			
Terphenyl-d14						***77***	***80***	***32 - 112***			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-260-02					
Client ID:	**KMW-05-0311**					
Arsenic	**ND**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	
Lab ID:	03-260-03					
Client ID:	**KMW-03-0311**					
Arsenic	**ND**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	
Lab ID:	03-260-04					
Client ID:	**KMW-03-0311-D**					
Arsenic	**ND**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	
Lab ID:	03-260-05					
Client ID:	**KMW-02-0311**					
Arsenic	**ND**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	
Lab ID:	03-260-06					
Client ID:	**KMW-01-0311**					
Arsenic	**ND**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-260-07					
Client ID:	**KMW-04-0311**					
Arsenic	**12**	3.3	200.8	3-30-11	3-30-11	
Chromium	**ND**	11	200.8	3-30-11	3-30-11	
Lead	**ND**	1.1	200.8	3-30-11	3-31-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-30-11
Date Analyzed:	3-30&31-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0330W3

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 3-30-11
Date Analyzed: 3-30&31-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-260-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Chromium	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 3-30-11
Date Analyzed: 3-30&31-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-260-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	**109**	99	**110**	100	1	
Chromium	110	**120**	109	**120**	109	0	
Lead	110	**108**	98	**110**	100	2	

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Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-260-02					
Client ID:	**KMW-05-0311**					
Arsenic	**ND**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-30-11	
Lab ID:	03-260-03					
Client ID:	**KMW-03-0311**					
Arsenic	**ND**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-31-11	
Lab ID:	03-260-04					
Client ID:	**KMW-03-0311-D**					
Arsenic	**ND**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-31-11	
Lab ID:	03-260-05					
Client ID:	**KMW-02-0311**					
Arsenic	**ND**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-31-11	
Lab ID:	03-260-06					
Client ID:	**KMW-01-0311**					
Arsenic	**ND**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-31-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-260-07					
Client ID:	**KMW-04-0311**					
Arsenic	**12**	3.0	200.8		3-30-11	
Chromium	**ND**	10	200.8		3-30-11	
Lead	**ND**	1.0	200.8		3-31-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

DISSOLVED METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Analyzed: 3-30-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0330D3

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.0
Chromium	200.8	**ND**	10
Lead	200.8	**ND**	1.0

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

DISSOLVED METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Analyzed: 3-30-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-260-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.0	
Chromium	**ND**	**ND**	NA	10	
Lead	**ND**	**ND**	NA	1.0	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 6, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-260
Project: 00146970030

DISSOLVED METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Analyzed: 3-30-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-260-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	**211**	105	**208**	104	1	
Chromium	200	**209**	105	**209**	104	0	
Lead	200	**192**	96	**190**	95	1	

This report pertains to the samples analyzed in accordance with the chain of custody,
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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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC Geomatrix
Project Number: 00146970030
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Shauna Mikelich

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: 03-260

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one) As, Pb, Cr-Total	TCLP Metals	HEM (oil and grease) 1664	Dissolved Metals** As, Pb						% Moisture
1	TB-032811	3/28/11	—	W	1					X								~~X~~	sm		~~X~~	sm						
2*	KMW-05-0311*	3/28/11	9:05	W	14		X						X					X			X						
3	KMW-03-0311	3/28/11	1015	W	6		X						X					X			X						
4	KMW-03-0311-D	3/28/11	1018	W	6		X						X					X			X						
5	KMW-02-0311	3/28/11	1245	W	9			X		X			X					X			X						
	~~KMW-04-0311~~	3/28/11																									sm
6	KMW-01-0311	3/28/11	1350	W	9			X		X			X					X			X						
7	KMW-04-0311	3/28/11	1502	W	6		X						X					X			X						

AM 3/28/11

	Signature	Company	Date	Time
Relinquished		AMEC Geomatrix	3/28/11	1738
Received		CORE	3/28/11	1738
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
*KMW-05-0311 → Extra Volume for MS/MSD
** - Field Filtered

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

June 24, 2013

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697005011
Laboratory Reference No. 1306-067

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on June 7, 2013.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

Case Narrative

Samples were collected on June 7, 2013 and received by the laboratory on June 7, 2013. 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

The chromatogram for sample KMW-04-060713 is not similar to that of a typical gas.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Gasoline	**ND**	100	NWTPH-Gx	6-13-13	6-13-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*71-116*				
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Gasoline	**ND**	100	NWTPH-Gx	6-13-13	6-13-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*71-116*				
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Gasoline	**1100**	400	NWTPH-Gx	6-13-13	6-13-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*71-116*				
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Gasoline	**48000**	5000	NWTPH-Gx	6-13-13	6-13-13	T
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*71-116*				
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Gasoline	**ND**	100	NWTPH-Gx	6-13-13	6-13-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*71-116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0613W1					
Gasoline	**ND**	100	NWTPH-Gx	6-13-13	6-13-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*71-116*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*84*	*86*	*71-116*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	1.0	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Benzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Toluene	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	ND	0.40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	ND	1.4	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*66-120*				
Toluene-d8	*104*	*70-120*				
4-Bromofluorobenzene	*98*	*63-120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	1.0	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Benzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Toluene	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	ND	0.40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	ND	1.4	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*66-120*				
Toluene-d8	*103*	*70-120*				
4-Bromofluorobenzene	*99*	*63-120*				

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	1.0	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Benzene	0.41	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Toluene	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	27	0.20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	ND	0.40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	41	0.20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	47	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	0.28	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	2.9	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	2.4	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	9.8	1.4	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*111*	*66-120*				
Toluene-d8	*111*	*70-120*				
4-Bromofluorobenzene	*110*	*63-120*				

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Dichlorodifluoromethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	100	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	100	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	500	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	100	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	100	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	100	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	500	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	20	EPA 8260C	6-10-13	6-10-13	
Benzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	100	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	200	EPA 8260C	6-10-13	6-10-13	
Toluene	3800	100	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	20	EPA 8260C	6-10-13	6-10-13	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
1,1,2-Trichloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	200	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	3400	20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	6800	40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	2200	20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	100	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	41	20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	32	20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	77	20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	100	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	ND	140	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*66-120*				
Toluene-d8	*104*	*70-120*				
4-Bromofluorobenzene	*98*	*63-120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	1.0	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Benzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Toluene	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	ND	0.40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	ND	1.4	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*66-120*				
Toluene-d8	*105*	*70-120*				
4-Bromofluorobenzene	*96*	*63-120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloromethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Vinyl Chloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Acetone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Iodomethane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Carbon Disulfide	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methylene Chloride	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Vinyl Acetate	ND	1.0	EPA 8260C	6-10-13	6-10-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Butanone	ND	5.0	EPA 8260C	6-10-13	6-10-13	
Bromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chloroform	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Benzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Trichloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Dibromomethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromodichloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Toluene	ND	1.0	EPA 8260C	6-10-13	6-10-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-10-13	6-10-13	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Tetrachloroethene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Hexanone	ND	2.0	EPA 8260C	6-10-13	6-10-13	
Dibromochloromethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Chlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Ethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
m,p-Xylene	ND	0.40	EPA 8260C	6-10-13	6-10-13	
o-Xylene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Styrene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromoform	ND	1.0	EPA 8260C	6-10-13	6-10-13	
Isopropylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Bromobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Propylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
n-Butylbenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-10-13	6-10-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-10-13	6-10-13	
Naphthalene	ND	1.4	EPA 8260C	6-10-13	6-10-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	6-10-13	6-10-13	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*66-120*				
Toluene-d8	*103*	*70-120*				
4-Bromofluorobenzene	*94*	*63-120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

VOLATILES by EPA 8260C
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-067-02										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	**10.8**	**10.8**	10.0	10.0	ND	108	108	62-141	0	15	
Benzene	**10.5**	**10.5**	10.0	10.0	ND	105	105	78-118	0	15	
Trichloroethene	**9.20**	**9.19**	10.0	10.0	ND	92	92	80-115	0	15	
Toluene	**10.2**	**10.3**	10.0	10.0	ND	102	103	80-116	1	15	
Chlorobenzene	**10.2**	**10.2**	10.0	10.0	ND	102	102	80-118	0	15	
Surrogate:											
Dibromofluoromethane						*115*	*108*	*66-120*			
Toluene-d8						*108*	*103*	*70-120*			
4-Bromofluorobenzene						*99*	*97*	*63-120*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-12-13	6-12-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Organic Carbon	**1.2**	1.0	SM 5310B	6-12-13	6-12-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Organic Carbon	**4.7**	1.0	SM 5310B	6-12-13	6-12-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Organic Carbon	**11**	1.0	SM 5310B	6-12-13	6-12-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-12-13	6-12-13	

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Date of Report: June 24, 2013
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Project: 14697005011

TOTAL ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0612W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-12-13	6-12-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Total Organic Carbon	**ND**	**ND**	NA	NA	NA	NA	NA	20	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Total Organic Carbon	**11.2**		10.0	ND	112	75-125	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0612W1								
	SB		SB		SB				
Total Organic Carbon	**10.3**		10.0	NA	103	75-125	NA	NA	

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Date of Report: June 24, 2013
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Laboratory Reference: 1306-067
Project: 14697005011

TOTAL METALS
EPA 6010C

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-067-01					
Client ID:	**KMW-01-060713**					
Iron	**2400**	50	6010C	6-12-13	6-12-13	
Manganese	**150**	10	6010C	6-12-13	6-12-13	
Lab ID:	06-067-02					
Client ID:	**KMW-02-060713**					
Iron	**1600**	50	6010C	6-12-13	6-12-13	
Manganese	**130**	10	6010C	6-12-13	6-12-13	
Lab ID:	06-067-03					
Client ID:	**KMW-03-060713**					
Iron	**6600**	50	6010C	6-12-13	6-12-13	
Manganese	**440**	10	6010C	6-12-13	6-12-13	
Lab ID:	06-067-04					
Client ID:	**KMW-04-060713**					
Iron	**39000**	500	6010C	6-12-13	6-12-13	
Manganese	**930**	10	6010C	6-12-13	6-12-13	
Lab ID:	06-067-05					
Client ID:	**KMW-05-060713**					
Iron	**760**	50	6010C	6-12-13	6-12-13	
Manganese	**150**	10	6010C	6-12-13	6-12-13	

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TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	6-12-13
Date Analyzed:	6-12-13
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0612WH1

Analyte	Method	Result	PQL
Iron	6010C	**ND**	50
Manganese	6010C	**ND**	10

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Date of Report: June 24, 2013
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TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 6-12-13
Date Analyzed: 6-12-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: 06-067-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Iron	**2360**	**2390**	1	50	
Manganese	**151**	**153**	1	10	

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TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 6-12-13
Date Analyzed: 6-12-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: 06-067-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Iron	20000	**22500**	101	**22300**	100	1	
Manganese	1000	**1250**	109	**1220**	107	2	

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TOTAL METALS
EPA 6010C
SPIKE BLANK QUALITY CONTROL

Date Extracted: 6-12-13
Date Analyzed: 6-12-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0612WH1

Analyte	Method	Spike Level	Result	Percent Recovery
Iron	6010C	20000	**21200**	106
Manganese	6010C	1000	**1150**	115

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TOTAL DISSOLVED SOLIDS
SM 2540C

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Dissolved Solids	**140**	13	SM 2540C	6-11-13	6-12-13	
Client ID:						
Laboratory ID:	06-067-01 UP					
Total Dissolved Solids	**140**	13	SM 2540C	6-11-13	6-12-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Dissolved Solids	**120**	13	SM 2540C	6-11-13	6-12-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Dissolved Solids	**250**	13	SM 2540C	6-11-13	6-12-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Dissolved Solids	**220**	13	SM 2540C	6-11-13	6-12-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Dissolved Solids	**130**	13	SM 2540C	6-11-13	6-12-13	

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TOTAL DISSOLVED SOLIDS
SM 2540C
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0611W1					
Total Dissolved Solids	**ND**	13	SM 2540C	6-11-13	6-12-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Total Dissolved Solids	**140**	**143**	NA	NA	NA	NA	2	16	
SPIKE BLANK									
Laboratory ID:	SB0611W1								
	SB		SB		SB				
Total Dissolved Solids	**485**		500	NA	97	86-111	NA	NA	

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TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Suspended Solids	**ND**	4.0	SM 2540D	6-11-13	6-12-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Suspended Solids	**6.0**	4.0	SM 2540D	6-11-13	6-12-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Suspended Solids	**6.0**	4.0	SM 2540D	6-11-13	6-12-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Suspended Solids	**6.0**	4.0	SM 2540D	6-11-13	6-12-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Suspended Solids	**ND**	4.0	SM 2540D	6-11-13	6-12-13	

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TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0611W1					
Total Suspended Solids	**ND**	4.0	SM 2540D	6-11-13	6-12-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	18	
SPIKE BLANK									
Laboratory ID:	SB0611W1								
	SB		SB		SB				
Total Suspended Solids	**94.0**		100	NA	94	80-107	NA	NA	

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HARDNESS
EPA 6010C/SM2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Hardness	**90**	2.0	EPA 6010C/SM 2340B		6-11-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Hardness	**63**	2.0	EPA 6010C/SM 2340B		6-11-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Hardness	**180**	2.0	EPA 6010C/SM 2340B		6-11-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Hardness	**91**	2.0	EPA 6010C/SM 2340B		6-11-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Hardness	**62**	2.0	EPA 6010C/SM 2340B		6-11-13	

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HARDNESS
EPA 6010C/SM2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0611H1					
Total Hardness	**ND**	2.0	6010C/SM 2340B		6-11-13	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-01										
	ORIG	DUP									
Total Hardness	**90.0**	**90.7**	NA		NA	NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	06-067-01										
	MS	MSD	MS	MSD		MS	MSD				
Total Hardness	**1560**	**1570**	1470	1470	90.0	100	101	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0611H1										
	SB		SB			SB					
Total Hardness	**152**		147		NA	103		80-120	NA	NA	

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TOTAL ALKALINITY
EPA 310.2

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Alkalinity	**62**	10	EPA 310.2	6-10-13	6-10-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Alkalinity	**55**	20	EPA 310.2	6-10-13	6-10-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Alkalinity	**220**	50	EPA 310.2	6-10-13	6-10-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Alkalinity	**120**	20	EPA 310.2	6-10-13	6-10-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Alkalinity	**56**	10	EPA 310.2	6-10-13	6-10-13	

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TOTAL ALKALINITY
EPA 310.2
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610W1					
Alkalinity	**ND**	10	EPA 310.2	6-10-13	6-10-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-02								
	ORIG	DUP							
Alkalinity	**55.1**	**53.7**	NA	NA	NA	NA	3	26	
MATRIX SPIKE									
Laboratory ID:	06-067-02								
	MS		MS		MS				
Alkalinity	**162**		100	55.1	107	73-125	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0610W1								
	SB		SB		SB				
Alkalinity	**50.5**		50.0	NA	101	81-110	NA	NA	

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NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Nitrate	**ND**	0.050	EPA 353.2	6-10-13	6-10-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Nitrate	**1.8**	0.050	EPA 353.2	6-10-13	6-10-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Nitrate	**0.20**	0.050	EPA 353.2	6-10-13	6-10-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Nitrate	**ND**	0.050	EPA 353.2	6-10-13	6-10-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Nitrate	**0.70**	0.050	EPA 353.2	6-10-13	6-10-13	

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NITRATE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610W1					
Nitrate	**ND**	0.050	EPA 353.2	6-10-13	6-10-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Nitrate	**ND**	**ND**	NA	NA	NA	NA	NA	11	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Nitrate	**2.17**		2.00	ND	109	81-122	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0610W1								
	SB		SB		SB				
Nitrate	**2.18**		2.00	NA	109	86-114	NA	NA	

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NITRITE (as Nitrogen)
EPA 353.2

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	

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NITRITE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0607W1					
Nitrite	**ND**	0.020	EPA 353.2	6-7-13	6-7-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Nitrite	**ND**	**ND**	NA	NA	NA	NA	NA	13	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Nitrite	**0.212**		0.250	ND	85	76-122	NA	NA	
SPIKE BLANK									
Laboratory ID:	Sb0607W1								
	SB		SB		SB				
Nitrite	**0.246**		0.250	NA	98	80-116	NA	NA	

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SULFATE
ASTM D516-02

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Sulfate	**39**	25	ASTM D516-02	6-13-13	6-13-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Sulfate	**32**	10	ASTM D516-02	6-13-13	6-13-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Sulfate	**ND**	5.0	ASTM D516-02	6-13-13	6-13-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Sulfate	**ND**	5.0	ASTM D516-02	6-13-13	6-13-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Sulfate	**35**	10	ASTM D516-02	6-13-13	6-13-13	

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SULFATE
ASTM D516-02
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0613W1					
Sulfate	**ND**	5.0	ASTM D516-02	6-13-13	6-13-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Sulfate	**38.7**	**42.0**	NA	NA	NA	NA	8	10	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Sulfate	**88.5**		50.0	38.7	100	84-117	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0613W1								
	SB		SB		SB				
Sulfate	**9.96**		10.0	NA	100	94-113	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Phosphorus	**0.049**	0.010	EPA 365.1	6-12-13	6-12-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Phosphorus	**0.042**	0.010	EPA 365.1	6-12-13	6-12-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Phosphorus	**0.59**	0.010	EPA 365.1	6-12-13	6-12-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Phosphorus	**0.69**	0.010	EPA 365.1	6-12-13	6-12-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Phosphorus	**0.014**	0.010	EPA 365.1	6-12-13	6-12-13	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0612W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	6-12-13	6-12-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Total Phosphorus	**0.0486**	**0.0486**	NA	NA	NA	NA	0	13	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Total Phosphorus	**0.327**		0.250	0.0486	111	92-115	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0612W1								
	SB		SB		SB				
Total Phosphorus	**0.267**		0.250	NA	107	89-110	NA	NA	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

ORTHOPHOSPHATE
by EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Total Orthophosphate	**0.038**	0.010	EPA 365.1	6-7-13	6-7-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Total Orthophosphate	**0.032**	0.010	EPA 365.1	6-7-13	6-7-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Total Orthophosphate	**0.52**	0.010	EPA 365.1	6-7-13	6-7-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Total Orthophosphate	**0.56**	0.010	EPA 365.1	6-7-13	6-7-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Total Orthophosphate	**0.018**	0.010	EPA 365.1	6-7-13	6-7-13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

ORTHOPHOSPHATE
by EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0607W1					
Total Orthophosphate	**ND**	0.010	EPA 365.1	6-7-13	6-7-13	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-01								
	ORIG	DUP							
Total Orthophosphate	**0.0380**	**0.0404**	NA	NA	NA	NA	6	10	
MATRIX SPIKE									
Laboratory ID:	06-067-01								
	MS		MS		MS				
Total Orthophosphate	**0.266**		0.250	0.0380	91	69-120	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0607W1								
	SB		SB		SB				
Total Orthophosphate	**0.223**		0.250	NA	89	83-113	NA	NA	

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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

DISSOLVED MANGANESE
EPA 6010C

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-067-01					
Client ID:	**KMW-01-060713**					
Manganese	**150**	11	6010C		6-10-13	
Lab ID:	06-067-02					
Client ID:	**KMW-02-060713**					
Manganese	**140**	11	6010C		6-10-13	
Lab ID:	06-067-03					
Client ID:	**KMW-03-060713**					
Manganese	**450**	11	6010C		6-10-13	
Lab ID:	06-067-04					
Client ID:	**KMW-04-060713**					
Manganese	**950**	11	6010C		6-10-13	
Lab ID:	06-067-05					
Client ID:	**KMW-05-060713**					
Manganese	**150**	11	6010C		6-10-13	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

DISSOLVED MANGANESE
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Analyzed: 6-10-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0610D1

Analyte	Method	Result	PQL
Manganese	6010C	**ND**	11

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

DISSOLVED MANGANESE
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Analyzed: 6-10-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: 06-067-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Manganese	**151**	**151**	0	11	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

DISSOLVED MANGANESE
EPA 6010C
MS/MSD QUALITY CONTROL

Date Analyzed: 6-10-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: 06-067-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Manganese	1110	**1370**	110	**1370**	109	1	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Lab Traveler: 1306-067
Project: 14697005011

DISSOLVED MANGANESE
EPA 6010C
SPIKE BLANK QUALITY CONTROL

Date Analyzed: 6-10-13

Matrix: Water
Units: ug/L (ppb)

Lab ID: SB0610D1

Analyte	Method	Spike Level	Result	Percent Recovery
Manganese	6010C	1110	**1240**	112

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

DISSOLVED GASES
RSK 175

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-01-060713**					
Laboratory ID:	06-067-01					
Methane	**1400**	200	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	100	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	100	RSK 175	6-13-13	6-13-13	
Client ID:	**KMW-02-060713**					
Laboratory ID:	06-067-02					
Methane	**24**	4.0	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	2.0	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	2.0	RSK 175	6-13-13	6-13-13	
Client ID:	**KMW-03-060713**					
Laboratory ID:	06-067-03					
Methane	**1600**	500	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	250	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	250	RSK 175	6-13-13	6-13-13	
Client ID:	**KMW-04-060713**					
Laboratory ID:	06-067-04					
Methane	**9100**	2000	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	1000	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	1000	RSK 175	6-13-13	6-13-13	
Client ID:	**KMW-05-060713**					
Laboratory ID:	06-067-05					
Methane	**ND**	1.0	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	0.50	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	0.50	RSK 175	6-13-13	6-13-13	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 24, 2013
Samples Submitted: June 7, 2013
Laboratory Reference: 1306-067
Project: 14697005011

DISSOLVED GASES
RSK 175
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0613W1					
Methane	**ND**	1.0	RSK 175	6-13-13	6-13-13	
Ethane	**ND**	0.50	RSK 175	6-13-13	6-13-13	
Ethene	**ND**	0.50	RSK 175	6-13-13	6-13-13	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0613W1										
	SB	SBD	SB	SBD		SB	SBD				
Methane	**4.99**	**4.72**	4.42	4.42	N/A	**113**	**107**	70-130	6	25	
Ethane	**9.29**	**9.10**	8.32	8.32	N/A	**112**	**109**	70-130	2	25	
Ethene	**9.45**	**9.67**	7.77	7.77	N/A	**122**	**124**	70-130	2	25	

This report pertains to the samples analyzed in accordance with the chain of custody,
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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 gas.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 June 2013

David Baumeister
OnSite Environmental, Inc.
14648 NE 95th
Redmond, WA 98052

RE: Client Project: Kelly Moore GW Sampling Event, 14697005011
ARI Job Nos: WT19, WT68

Dear David:

Please find enclosed the chain-of-custody (COCs) records and the final results for the samples from the project referenced above. Analytical Resources, Inc. (ARI) accepted five water samples on June 7, 2013. Five additional water samples were received on June 10, 2013. It was noted upon sample receipt that the bottles had been preserved with acid and these could not be used for sulfide analysis. Replacement bottles were received for these samples on June 11, 2013. The samples were analyzed for ferrous iron and sulfide as requested.

These analyses proceeded without incident of note.

An electronic copy of these reports will remain on file at ARI. Should you have any questions, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Project Manager
206/695-6210
markh@arilabs.com

Enclosures

cc: files WT19, WT68

MDH/mdh

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

WO#19

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: OnSite Environmental
Project Number:
Project Name: Kelly Moore GW Sampling Event
Project Manager: David Baumeister
Sampled by: Jennifer Bellamy

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:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals/ MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664A	D. Soluble Ferrous Iron						% Moisture
	KMW-01-060713	6/7/13	10:45	GW																	X						
	KMW-02-060713	6/7/13	9:45																		X						
	KMW-03-060713	6/7/13	12:05																		X						
	KMW-04-060713	6/7/13	14:15																		X						
	KMW-05-060713	6/7/13	13:15	↓																	X						

	Signature	Company	Date	Time
Relinquished	Jennifer Bellamy	AMEC	6/7/13	15:24
Received		AR1	6/7/13	1524
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions
- Field Filtered for dissolved ferrous Iron
- Results go to onsite Environmental

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client Onsite Project Name: Kelly Moore GW Sampling

COC No(s): _____ (NA) Delivered by Fed-Ex UPS Courier Hand Delivered Other _____

Assigned ARI Job No LOT19 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2 0-6.0 °C for chemistry)	3.7	
If cooler temperature is out of compliance fill out form 00070F	Temp Gun ID#	90877952

Cooler Accepted by AV Date 6/7/13 Time 15:24

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time _____ Equipment: _____ Split by: _____

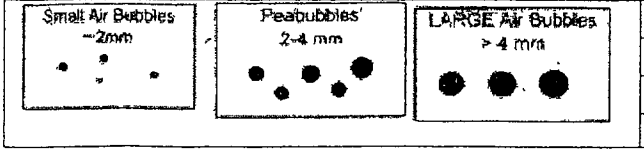
Samples Logged by: AV Date: 6/7/13 Time 1534

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Sample ID Cross Reference Report

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: WT19
Client: OnSite Environmental, Inc.
Project Event: N/A
Project Name: Kelly Moore GW Sampling Event

	Sample ID	ARI Lab ID	ARI LIMS ID	Matrix	Sample Date/Time	VTSR
1.	KMW-01-060713	WT19A	13-12197	Water	06/07/13 10:45	06/07/13 15:24
2.	KMW-02-060713	WT19B	13-12198	Water	06/07/13 09:45	06/07/13 15:24
3.	KMW-03-060713	WT19C	13-12199	Water	06/07/13 12:05	06/07/13 15:24
4.	KMW-04-060713	WT19D	13-12200	Water	06/07/13 14:15	06/07/13 15:24
5.	KMW-05-060713	WT19E	13-12201	Water	06/07/13 13:15	06/07/13 15:24

WT19 : 20060711

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Data Reporting Qualifiers

Effective 2/14/2011

Inorganic Data

U — Indicates that the target analyte was not detected at the reported concentration

* — Duplicate RPD is not within established control limits

B — Reported value is less than the CRDL but ≥ the Reporting Limit

N — Matrix Spike recovery not within established control limits

NA — Not Applicable, analyte not spiked

H — The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L — Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U — Indicates that the target analyte was not detected at the reported concentration

* — Flagged value is not within established control limits

B — Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J — Estimated concentration when the value is less than ARI's established reporting limits

D — The spiked compound was not detected due to sample extract dilution

E — Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

Q — Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20%Drift or minimum RRF).

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NR Spiked compound recovery is not reported due to chromatographic interference

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

EMPC Estimated Maximum Possible Concentration (EMPC) defined in EPA Statement of Work DLM02.2 as a value "calculated for 2,3,7,8-substituted isomers for which the quantitation and /or confirmation ion(s) has signal to noise in excess of 2.5, but does not meet identification criteria" **(Dioxin/Furan analysis only)**

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

X Analyte signal includes interference from polychlorinated diphenyl ethers. **(Dioxin/Furan analysis only)**

Z Analyte signal includes interference from the sample matrix or perfluorokerosene ions. **(Dioxin/Furan analysis only)**

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

SAMPLE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Client ID: KMW-01-060713
ARI ID: 13-12197 WT19A

Analyte	Date Batch	Method	Units	RL	Sample
Ferrous Iron	06/07/13 060713#1	SM3500 FeD	mg/L	0.080	2.44

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Client ID: KMW-02-060713
ARI ID: 13-12198 WT19B

Analyte	Date Batch	Method	Units	RL	Sample
Ferrous Iron	06/07/13 060713#1	SM3500 FeD	mg/L	0.040	0.673

RL Analytical reporting limit
U Undetected at reported detection limit

WT19 : 060713

SAMPLE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Client ID: KMW-03-060713
ARI ID: 13-12199 WT19C

Analyte	Date Batch	Method	Units	RL	Sample
Ferrous Iron	06/07/13 060713#1	SM3500 FeD	mg/L	0.200	6.80

RL Analytical reporting limit
U Undetected at reported detection limit

WT19 - 060713

SAMPLE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Client ID: KMW-04-060713
ARI ID: 13-12200 WT19D

Analyte	Date Batch	Method	Units	RL	Sample
Ferrous Iron	06/07/13 060713#1	SM3500 FeD	mg/L	0.800	40.0

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Client ID: KMW-05-060713
ARI ID: 13-12201 WT19E

Analyte	Date Batch	Method	Units	RL	Sample
Ferrous Iron	06/07/13 060713#1	SM3500 FeD	mg/L	0.040	0.595

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank	ID
Ferrous Iron	SM3500 FeD	06/07/13	mg/L	< 0.040 U	

WT19-0607W3

LAB CONTROL RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/Method	QC ID	Date	Units	LCS	Spike Added	Recovery
Ferrous Iron SM3500 FeD	ICVL	06/07/13	mg/L	0.520	0.500	104.0%

REPLICATE RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: WT19A	**Client ID: KMW-01-060713**					
Ferrous Iron	SM3500 FeD	06/07/13	mg/L	2.44	2.40	1.7%

WT19 00015

MS/MSD RESULTS-CONVENTIONALS
WT19-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/11/13

Project: Kelly Moore GW Sampling Even
Event: NA
Date Sampled: 06/07/13
Date Received: 06/07/13

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: WT19A Client ID: KMW-01-060713							
Ferrous Iron	SM3500 FeD	06/07/13	mg/L	2.44	3.14	0.800	87.5%

WT19 - 00045

WT68

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 06-067

Subcontract Laboratory: Analytical Resources, Inc.

Turnaround Request:

Project Manager: David Baumeister

Attention: Mark Harris

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

4611 S 134th Pl, Ste. 100 Tukwila, WA 98168

(Standard)

Project Number: 14697005011

Phone Number: (206) 695-6200

Other: _____

Project Name: _____

Date/Time: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analysis
	KMW-01-060713	6/7/13	1045	W	1	
	KMW-02-060713		945			
	KMW-03-060713		1205			
	KMW-04-060713		1415			
	KMW-05-060713		1315			

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	6/10/13	1155	
Received by:	Swift Pay	Speedy Messenger	6/10/13	1155	
Relinquished by:	Swift Pay	speedy messenger	6/10/13	1400	
Received by:		Taylor for ARI	6-10-13	1400	
Relinquished by:					
Received by:					

WT19:00017

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client CSE Project Name:

COC No(s) NA Delivered by Fed-Ex UPS Courier Hand Delivered Other Speedy

Assigned ARI Job No Tracking No NA

Preliminary Examination Phase.

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6 0 °C for chemistry) 4.9

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID# 90078572

Cooler Accepted by: IC Date: 6-10-13 Time: 1400

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA (YES) NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Was Sample Split by ARI: NA YES Date/Time Equipment: Split by:

Samples Logged by: Date: Time:

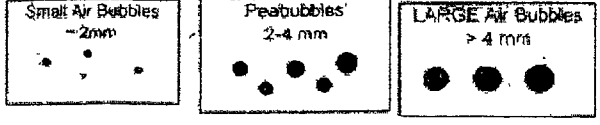
***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

Bottles requesting Sulfide Analysis, samples bottles has preservative as H_2SO_4

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client CDSITC Project Name:

COC No(s) (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other

Assigned ARI Job No WT68 Tracking No (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? YES (NO)

Were custody papers properly filled out (ink, signed, etc.) YES (NO)

Temperature of Cooler(s) (°C) (recommended 2 0-6 0 °C for chemistry) 1.3

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 90877952

Cooler Accepted by: AV Date 6/11/13 Time 1615

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other

Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI.	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time _____ Equipment: _____ Split by: _____

Samples Logged by: AV Date: 6/11/13 Time 1647

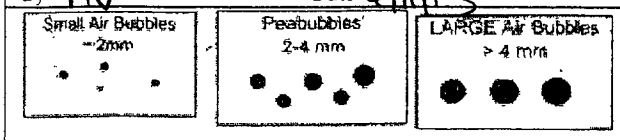
***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

C.O.C received 6/10/13 with bottle preserved with H_2SO_4. Bottles received 6/11/13 preserved with ZnOAc.

By: AV Date: 6/11/13



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

WT13 : 00013

PRESERVATION VERIFICATION 06/11/13
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **WT68**

Inquiry Number: NONE
Analysis Requested: 06/12/13
Contact: Baumeister, David
Client: OnSite Environmental, Inc.
Logged by: AV
Sample Set Used: Yes-481
Validatable Package: No
Deliverables:

PC: Mark
VTSR: 06/11/13

Project #: 14697005011
Project:
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	TPHD <2	Fe2+ <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
13-12528 **WT68A**	KMW-01-060713												F									
13-12529 **WT68B**	KMW-02-060713												F									
13-12530 **WT68C**	KMW-03-060713												F									
13-12531 **WT68D**	KMW-04-060713												F									
13-12532 **WT68E**	KMW-05-060713												F									

F= Fail Samples preserved with ZnOAC. Lab to adjust Ph.

Checked By AV Date 6/11/13

Sample ID Cross Reference Report

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: WT68
Client: OnSite Environmental, Inc.
Project Event: 14697005011
Project Name: N/A

	Sample ID	ARI Lab ID	ARI LIMS ID	Matrix	Sample Date/Time	VTSR
1.	KMW-01-060713	WT68A	13-12528	Water	06/07/13 10:45	06/11/13 16:15
2.	KMW-02-060713	WT68B	13-12529	Water	06/07/13 09:45	06/11/13 16:15
3.	KMW-03-060713	WT68C	13-12530	Water	06/07/13 12:05	06/11/13 16:15
4.	KMW-04-060713	WT68D	13-12531	Water	06/07/13 14:15	06/11/13 16:15
5.	KMW-05-060713	WT68E	13-12532	Water	06/07/13 13:15	06/11/13 16:15

WT68:00021

SAMPLE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Client ID: KMW-01-060713
ARI ID: 13-12528 WT68A

Analyte	Date Batch	Method	Units	RL	Sample
Sulfide	06/13/13 061313#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized: MB
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Client ID: KMW-02-060713
ARI ID: 13-12529 WT68B

Analyte	Date Batch	Method	Units	RL	Sample
Sulfide	06/13/13 061313#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

WT68:060623

SAMPLE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized: MB
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Client ID: KMW-03-060713
ARI ID: 13-12530 WT68C

Analyte	Date Batch	Method	Units	RL	Sample
Sulfide	06/13/13 061313#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized: MB
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Client ID: KMW-04-060713
ARI ID: 13-12531 WT68D

Analyte	Date Batch	Method	Units	RL	Sample
Sulfide	06/13/13 061313#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Client ID: KMW-05-060713
ARI ID: 13-12532 WT68E

Analyte	Date Batch	Method	Units	RL	Sample
Sulfide	06/13/13 061313#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

WT68 : 000025

METHOD BLANK RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized: JR
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank	ID
Sulfide	EPA 376.2	06/13/13	mg/L	< 0.050 U	

LAB CONTROL RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized: MB
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: NA
Date Received: NA

Analyte/Method	QC ID	Date	Units	LCS	Spike Added	Recovery
Sulfide EPA 376.2	ICVL	06/13/13	mg/L	0.490	0.501	97.8%

WT13:00029

REPLICATE RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: WT68A Client ID: KMW-01-060713						
Sulfide	EPA 376.2	06/13/13	mg/L	< 0.050	< 0.050	NA

WT14: 000025

MS/MSD RESULTS-CONVENTIONALS
WT68-OnSite Environmental, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 06/20/13

Project: NA
Event: 14697005011
Date Sampled: 06/07/13
Date Received: 06/11/13

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: WT68A Client ID: KMW-01-060713							
Sulfide	EPA 376.2	06/13/13	mg/L	< 0.050	0.471	0.500	94.2%

WT68 : 060830

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: 06-067

Company: AMEC
Project Number: 14697005011
Project Name: Kelly Moore Paint Company
Project Manager: Tasya Gray
Sampled by: Jennifer Bellamy

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	~~NWTPH-Gx/BTEX~~ J/S	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	~~PAHs 8270D/SIM (low-level)~~ TOC	~~PCBs 8082A~~ Total Fe + Mn	~~Organochlorine Pesticides 8081B~~ TDS	~~Organophosphorus Pesticides 8270D/SIM~~ TSS	~~Chlorinated Acid Herbicides 8151A~~	Total RCRA Metals/ MTCA Metals (circle one)	~~TCLP Metals~~ Dissolved Ferrous Iron*	~~HEM (oil and grease) 1664A~~ J/S	Hardness	Alkalinity	Nitrate, Nitrite, Silicate	Sulfide	Total Phosphorus	ortho-Phosphate	Dissolved manganese	% Moisture Dissolved Gases Methane, Ethane, Ethene
1	KMW-01-060713	6/7/13	10:45	GW	15			X		X		X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
2	KMW-02-060713	6/7/13	9:45	GW				X		X		X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
3	KMW-03-060713	6/7/13	12:05	GW				X		X		X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
4	KMW-04-060713	6/7/13	14:15	GW				X		X		X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
5	KMW-05-060713	6/7/13	13:15	GW				X		X		X	X	X	X	X			X	X	X	X	X	X	X	X	X	X

	Signature	Company	Date	Time
Relinquished	Jennifer Bellamy	AMEC	6/7/13	19:45
Received	Van	Spdy	6/7/13	14:45
Relinquished	"	"	"	15:40
Received		OSE	6/7/13	1540
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Field Filtered Dissolved manganese

*Samples sent directly to ARI. DB

P.O.# C0131 0657

Added 6/10/13. DB (STA)

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Memo

To:	Natasya Gray	Project:	0146970050
From:	Crystal Neirby	cc:	Project File
Date:	July 12, 2013		

Subject: Kelly Moore Paint Company – Groundwater Sampling – June 2013
Summary Data Quality Review – SDG 1306-067

This memorandum presents a summary data quality review for analyses of five primary groundwater samples collected June 7, 2013. The samples were submitted to OnSite Environmental Inc. (OnSite), a laboratory located in Redmond, Washington, and accredited by the Washington State Department of Ecology (Ecology). The groundwater samples were analyzed for the following analytes:

- Total petroleum hydrocarbons (TPH) as gasoline by Ecology Method NWTPH-Gx;
- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260C;
- Total organic carbon (TOC) by Standard Method (SM) 5310B;
- Total iron and manganese, dissolved manganese, and hardness by EPA Method 6010C;
- Total dissolved solids (TDS) by SM 2540C;
- Total suspended solids (TSS) by SM 2540D;
- Total alkalinity by EPA 310.2;
- Nitrate and nitritie (as nitrogen) by EPA 353.2;
- Sulfate by ASTM International D516-02;
- Total and orthophosphate phosphorus by EPA 365.1;
- Dissolved gases (methane, ethane, and ethane) by EPA RSK-175;
- Ferrous iron by SM 3500 FeD; and
- Sulfide by EPA 376.2.

The ferrous iron and sulfide samples were subcontracted by Onsite to Analytical Resources Incorporated (ARI), located in Tukwila, Washington.

The samples collected and the laboratory sample ID, as well as a summary of qualifiers added to the results from this data quality review, are presented in Table 1 at the end of this memo.

AMEC Environment & Infrastructure, Inc.
600 University Street, Suite 600
Seattle, Washington
USA 98101-4107
Tel (206) 342-1760
Fax (206) 342-1761
www.amec.com

The analytical results for these samples were reviewed in accordance with the requirements specified in the EPA National Functional Guidelines (EPA, 2010 and 2008), the analytical methods referenced by the laboratory, AMEC Environment & Infrastructure, Inc. (AMEC) data review procedures, the quality assurance project plan (QAPP) (AMEC Geomatrix Inc., 2010), and the laboratory quality control limits. The EPA guidelines referenced above were written specifically for the Contract Laboratory Program, and have been modified for the purposes of this data quality review where they differ from EPA SW-846 method requirements.

The certified laboratory reports were reviewed to assess the following: chain of custody compliance; holding time compliance; presence or absence of laboratory contamination as demonstrated by method blanks; blank spike samples (BS) and blank spike duplicates (BSD), and matrix spike (MS) and matrix spike duplicate (MSD) samples; analytical precision as the relative percent difference between replicate sample results (i.e., laboratory and field duplicates) or MS and MSD samples. This data quality review did not include validation of the raw analytical data.

Samples were submitted to OnSite on the day of collection. The cooler temperatures were recorded upon receipt and were below the maximum acceptable temperature of 6°C. The following was noted by the laboratory upon receipt.

The sample bottles submitted to ARI on June 10, 2013 for sulfide analysis contained the incorrect preservative. The laboratory received separate bottles on June 11, 2013 with the correct preservative and proceeded with analysis.

Samples were analyzed for the methods identified in the introduction to this report and were evaluated for the following criteria.

1. Holding Times – Acceptable

   The nitrate analysis was not performed within the 48 hour holding time for samples collected in an unpreserved bottle. According the laboratory, an aliquot was preserved in order to perform the analysis within the 28 day holding time allowed for preserved samples. The results are acceptable and are not qualified.

2. Blanks – Acceptable except as noted:

   A trip blank was not submitted with samples analyzed for TPH as gasoline, VOCs, or dissolved gases, as stated in the method and in the project QAPP. The sample results were not qualified. For future sampling events, the laboratory will be instructed to include trip blanks and the field crew will be reminded to ensure they are delivered from the laboratory with the sample bottles.

3. BS/BSD – Acceptable

   The laboratory did not report blank spike results if acceptable MS/MSD or laboratory duplicate results were reported, following its standard operating procedure. The BS results that were provided by the laboratory were within the laboratory control limits.

4. MS/MSD – Acceptable

   MS/MSD results performed with project samples and provided by the laboratory were within laboratory control limits.

5. Surrogates – Acceptable
6. Laboratory Duplicates – Acceptable
7. Field Duplicates – Acceptable

   A field duplicate was not collected with the samples. The project frequency requirement is one field duplicate per sampling event, or for every 20 samples. Results are not qualified due to the lack of field duplicates.

8. Reporting Limits and Laboratory Flags – Acceptable

OVERALL ASSESSMENT OF DATA

The OnSite SDG 1306-067 is 100 percent complete. The data usability is based on EPA's guidance documents. Few problems were identified, and the analytical performance was generally within specified limits. The data are acceptable and meet the project's data quality objectives.

REFERENCES

AMEC Geomatrix, Inc., 2010, Site Characterization Report and Data Gaps Work Plan, Former Kelly-Moore Manufacturing Facility, Seattle, Washington. December.

U.S. Environmental Protection Agency (EPA), 2008, U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-08-001, June.

EPA, 2010, U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review: EPA 540-R-10-011, January.

TABLE 1

SUBMITTED SAMPLES AND ASSIGNED DATA QUALIFIERS FOR ANALYZED SAMPLES

Former Kelly-Moore Manufacturing Facility
Seattle, Washington

Sample ID	Laboratory Sample ID	Qualified Analyte
KMW-01-060713	06-067-01	none
KMW-02-060713	06-067-02	none
KMW-03-060713	06-067-03	none
KMW-04-060713	06-067-04	none
KMW-05-060713	06-067-05	none

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 11, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1502-262

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

Case Narrative

Samples were collected on February 27, 2015 and received by the laboratory on February 27, 2015. 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/BTEX 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 chromatograms for samples B7-PIPING-B1-5.0, B7-PIPING-B2-5.0, B7-PIPING-S1-4.0 and B7-PIPING-S2-4.0 are similar to mineral spirits with diesel.

The chromatograms for samples B7-PIPING-B3-4.5, B7-PIPING-B4-4.5, B7-PIPING-S3-3.5 and B7-PIPING-S4-3.5 are similar to mineral spirits.

PAHs EPA 8270D/SIM Analysis

Samples B7-PIPING-B2-5.0 and B7-PIPING-S2-4.0, surrogate's recoveries are not available due to necessary dilution of the samples; the surrogates are flagged with an "S" indicator.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B1-5.0**					
Laboratory ID:	02-262-01					
Benzene	**0.097**	0.029	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.14	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**0.62**	0.14	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**3.8**	0.14	EPA 8021B	3-3-15	3-4-15	
o-Xylene	**ND**	1.4	EPA 8021B	3-3-15	3-4-15	U1
Gasoline	**2600**	360	NWTPH-Gx	3-3-15	3-5-15	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***79***	***68-123***				
Client ID:	**B7-PIPING-B2-5.0**					
Laboratory ID:	02-262-02					
Benzene	**0.41**	0.020	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.098	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**1.2**	0.098	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**8.9**	0.098	EPA 8021B	3-3-15	3-4-15	
o-Xylene	**4.8**	0.098	EPA 8021B	3-3-15	3-4-15	
Gasoline	**3000**	490	NWTPH-Gx	3-3-15	3-5-15	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***78***	***68-123***				
Client ID:	**B7-PIPING-B3-4.5**					
Laboratory ID:	02-262-03					
Benzene	**0.12**	0.020	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.10	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**0.91**	0.10	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**15**	5.1	EPA 8021B	3-3-15	3-5-15	
o-Xylene	**4.7**	0.10	EPA 8021B	3-3-15	3-4-15	
Gasoline	**5800**	510	NWTPH-Gx	3-3-15	3-5-15	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***77***	***68-123***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B4-4.5**					
Laboratory ID:	02-262-04					
Benzene	**0.094**	0.024	EPA 8021B	3-3-15	3-4-15	
Toluene	**4.9**	0.12	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**11**	0.12	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**31**	1.2	EPA 8021B	3-3-15	3-5-15	
o-Xylene	**5.9**	0.12	EPA 8021B	3-3-15	3-4-15	
Gasoline	**1400**	120	NWTPH-Gx	3-3-15	3-5-15	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***74***	***68-123***				
Client ID:	**B7-PIPING-S1-4.0**					
Laboratory ID:	02-262-05					
Benzene	**0.11**	0.035	EPA 8021B	3-3-15	3-6-15	
Toluene	**ND**	0.17	EPA 8021B	3-3-15	3-6-15	
Ethyl Benzene	**ND**	0.17	EPA 8021B	3-3-15	3-6-15	
m,p-Xylene	**0.64**	0.17	EPA 8021B	3-3-15	3-6-15	
o-Xylene	**ND**	0.17	EPA 8021B	3-3-15	3-6-15	
Gasoline	**250**	17	NWTPH-Gx	3-3-15	3-6-15	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***69***	***68-123***				
Client ID:	**B7-PIPING-S2-4.0**					
Laboratory ID:	02-262-06					
Benzene	**0.069**	0.020	EPA 8021B	3-3-15	3-6-15	
Toluene	**ND**	0.095	EPA 8021B	3-3-15	3-6-15	
Ethyl Benzene	**7.4**	0.095	EPA 8021B	3-3-15	3-6-15	
m,p-Xylene	**9.5**	2.4	EPA 8021B	3-3-15	3-6-15	
o-Xylene	**1.0**	0.095	EPA 8021B	3-3-15	3-6-15	
Gasoline	**1300**	240	NWTPH-Gx	3-3-15	3-6-15	Z1
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***77***	***68-123***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S3-3.5**					
Laboratory ID:	02-262-07					
Benzene	**0.28**	0.020	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.048	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**0.96**	0.048	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**7.1**	4.8	EPA 8021B	3-3-15	3-6-15	
o-Xylene	**3.4**	0.048	EPA 8021B	3-3-15	3-4-15	
Gasoline	**7900**	480	NWTPH-Gx	3-3-15	3-6-15	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***68-123***				
Client ID:	**B7-PIPING-S4-3.5**					
Laboratory ID:	02-262-08					
Benzene	**0.30**	0.022	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.11	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**1.4**	0.11	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**30**	5.5	EPA 8021B	3-3-15	3-5-15	
o-Xylene	**7.6**	0.11	EPA 8021B	3-3-15	3-4-15	
Gasoline	**8700**	1100	NWTPH-Gx	3-3-15	3-6-15	Z2
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***78***	***68-123***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0303S2					
Benzene	**ND**	0.020	EPA 8021B	3-3-15	3-4-15	
Toluene	**ND**	0.050	EPA 8021B	3-3-15	3-4-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-3-15	3-4-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-3-15	3-4-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-3-15	3-4-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-3-15	3-4-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***91***	***68-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-255-06										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***90***	***96***	***68-123***			
SPIKE BLANKS											
Laboratory ID:	SB0303S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.928**	**0.969**	1.00	1.00		**93**	**97**	75-117	4	13	
Toluene	**0.935**	**0.978**	1.00	1.00		**94**	**98**	78-118	4	12	
Ethyl Benzene	**0.923**	**0.973**	1.00	1.00		**92**	**97**	78-118	5	12	
m,p-Xylene	**0.932**	**0.979**	1.00	1.00		**93**	**98**	78-121	5	13	
o-Xylene	**0.924**	**0.960**	1.00	1.00		**92**	**96**	77-119	4	13	
Surrogate:											
Fluorobenzene						***93***	***96***	***68-123***			

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B1-5.0**					
Laboratory ID:	02-262-01					
Diesel Range Organics	**3300**	35	NWTPH-Dx	3-5-15	3-6-15	M
Lube Oil	**370**	70	NWTPH-Dx	3-5-15	3-6-15	N1
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***80***	***50-150***				
Client ID:	**B7-PIPING-B2-5.0**					
Laboratory ID:	02-262-02					
Diesel Range Organics	**4100**	29	NWTPH-Dx	3-5-15	3-6-15	M
Lube Oil	**710**	59	NWTPH-Dx	3-5-15	3-6-15	N1
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***90***	***50-150***				
Client ID:	**B7-PIPING-B3-4.5**					
Laboratory ID:	02-262-03					
Diesel Range Organics	**ND**	1600	NWTPH-Dx	3-5-15	3-6-15	U1,M1
Lube Oil	**67**	55	NWTPH-Dx	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***90***	***50-150***				
Client ID:	**B7-PIPING-B4-4.5**					
Laboratory ID:	02-262-04					
Diesel Range Organics	**1300**	30	NWTPH-Dx	3-5-15	3-6-15	M
Lube Oil	**350**	60	NWTPH-Dx	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***95***	***50-150***				
Client ID:	**B7-PIPING-S1-4.0**					
Laboratory ID:	02-262-05					
Diesel Range Organics	**14000**	210	NWTPH-Dx	3-5-15	3-6-15	
Lube Oil	**6100**	410	NWTPH-Dx	3-5-15	3-6-15	N1
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***106***	***50-150***				
Client ID:	**B7-PIPING-S2-4.0**					
Laboratory ID:	02-262-06					
Diesel Range Organics	**7400**	150	NWTPH-Dx	3-5-15	3-6-15	
Lube Oil Range Organics	**5600**	300	NWTPH-Dx	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***120***	***50-150***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S3-3.5**					
Laboratory ID:	02-262-07					
Diesel Range Organics	**ND**	1900	NWTPH-Dx	3-5-15	3-6-15	U1,M1
Lube Oil	**61**	57	NWTPH-Dx	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***84***	***50-150***				
Client ID:	**B7-PIPING-S4-3.5**					
Laboratory ID:	02-262-08					
Diesel Range Organics	**ND**	2900	NWTPH-Dx	3-5-15	3-6-15	U1,M1
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***99***	***50-150***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0305S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	3-5-15	3-5-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	3-5-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***85***	***50-150***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-020-03										
	ORIG	DUP									
Mineral Oil	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Surrogate:											
o-Terphenyl						***116***	***113***	***50-150***			

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-262-01					
Client ID:	**B7-PIPING-B1-5.0**					
Arsenic	**ND**	14	6010C	3-6-15	3-6-15	
Barium	**24**	3.5	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.70	6010C	3-6-15	3-6-15	
Chromium	**7.8**	0.70	6010C	3-6-15	3-6-15	
Lead	**ND**	7.0	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.35	7471B	3-6-15	3-6-15	
Selenium	**ND**	14	6010C	3-6-15	3-6-15	
Silver	**ND**	1.4	6010C	3-6-15	3-6-15	
Lab ID:	02-262-02					
Client ID:	**B7-PIPING-B2-5.0**					
Arsenic	**ND**	12	6010C	3-6-15	3-6-15	
Barium	**21**	2.9	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.59	6010C	3-6-15	3-6-15	
Chromium	**9.3**	0.59	6010C	3-6-15	3-6-15	
Lead	**ND**	5.9	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.29	7471B	3-6-15	3-6-15	
Selenium	**ND**	12	6010C	3-6-15	3-6-15	
Silver	**ND**	1.2	6010C	3-6-15	3-6-15	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-262-03					
Client ID:	**B7-PIPING-B3-4.5**					
Arsenic	**ND**	11	6010C	3-6-15	3-6-15	
Barium	**41**	2.8	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.55	6010C	3-6-15	3-6-15	
Chromium	**9.9**	0.55	6010C	3-6-15	3-6-15	
Lead	**ND**	5.5	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.28	7471B	3-6-15	3-6-15	
Selenium	**ND**	11	6010C	3-6-15	3-6-15	
Silver	**ND**	1.1	6010C	3-6-15	3-6-15	
Lab ID:	02-262-04					
Client ID:	**B7-PIPING-B4-4.5**					
Arsenic	**ND**	12	6010C	3-6-15	3-6-15	
Barium	**98**	3.0	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.60	6010C	3-6-15	3-6-15	
Chromium	**18**	0.60	6010C	3-6-15	3-6-15	
Lead	**24**	6.0	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.30	7471B	3-6-15	3-6-15	
Selenium	**ND**	12	6010C	3-6-15	3-6-15	
Silver	**ND**	1.2	6010C	3-6-15	3-6-15	

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Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-262-05					
Client ID:	**B7-PIPING-S1-4.0**					
Arsenic	**ND**	17	6010C	3-6-15	3-6-15	
Barium	**710**	4.1	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.83	6010C	3-6-15	3-6-15	
Chromium	**47**	0.83	6010C	3-6-15	3-6-15	
Lead	**660**	8.3	6010C	3-6-15	3-6-15	
Mercury	**0.52**	0.41	7471B	3-6-15	3-6-15	
Selenium	**ND**	17	6010C	3-6-15	3-6-15	
Silver	**ND**	1.7	6010C	3-6-15	3-6-15	
Lab ID:	02-262-06					
Client ID:	**B7-PIPING-S2-4.0**					
Arsenic	**ND**	12	6010C	3-6-15	3-6-15	
Barium	**100**	3.0	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.60	6010C	3-6-15	3-6-15	
Chromium	**24**	0.60	6010C	3-6-15	3-6-15	
Lead	**30**	6.0	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.30	7471B	3-6-15	3-6-15	
Selenium	**ND**	12	6010C	3-6-15	3-6-15	
Silver	**ND**	1.2	6010C	3-6-15	3-6-15	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-262-07					
Client ID:	**B7-PIPING-S3-3.5**					
Arsenic	**ND**	11	6010C	3-6-15	3-6-15	
Barium	**52**	2.8	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.57	6010C	3-6-15	3-6-15	
Chromium	**8.6**	0.57	6010C	3-6-15	3-6-15	
Lead	**ND**	5.7	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.28	7471B	3-6-15	3-6-15	
Selenium	**ND**	11	6010C	3-6-15	3-6-15	
Silver	**ND**	1.1	6010C	3-6-15	3-6-15	
Lab ID:	02-262-08					
Client ID:	**B7-PIPING-S4-3.5**					
Arsenic	**ND**	11	6010C	3-6-15	3-6-15	
Barium	**33**	2.8	6010C	3-6-15	3-6-15	
Cadmium	**ND**	0.55	6010C	3-6-15	3-6-15	
Chromium	**8.5**	0.55	6010C	3-6-15	3-6-15	
Lead	**ND**	5.5	6010C	3-6-15	3-6-15	
Mercury	**ND**	0.28	7471B	3-6-15	3-6-15	
Selenium	**ND**	11	6010C	3-6-15	3-6-15	
Silver	**ND**	1.1	6010C	3-6-15	3-6-15	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-6-15
Date Analyzed:	3-6-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0306SM2

Analyte	Method	Result	PQL
Arsenic	6010C	**ND**	10
Barium	6010C	**ND**	2.5
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Lead	6010C	**ND**	5.0
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-6-15
Date Analyzed:	3-6-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0306S1

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-262-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**37.0**	**39.3**	6	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**8.95**	**8.90**	1	0.50	
Lead	**ND**	**ND**	NA	5.0	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-037-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-262-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**96.8**	97	**97.2**	97	0	
Barium	100	**151**	114	**141**	104	6	
Cadmium	50.0	**49.4**	99	**49.4**	99	0	
Chromium	100	**106**	97	**105**	96	1	
Lead	250	**252**	101	**251**	100	0	
Selenium	100	**96.5**	96	**94.1**	94	3	
Silver	25.0	**25.1**	100	**25.1**	100	0	

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-037-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.486**	97	**0.486**	97	0	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B1-5.0**					
Laboratory ID:	02-262-01					
Benzo[a]anthracene	**0.45**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**0.47**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**0.26**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**0.27**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**0.42**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**ND**	0.19	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***97***	***32 - 114***				
Pyrene-d10	***80***	***33 - 121***				
Terphenyl-d14	***76***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B2-5.0**					
Laboratory ID:	02-262-02					
Benzo[a]anthracene	**4.1**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**4.3**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**3.2**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**3.7**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**4.6**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**1.9**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**0.73**	0.31	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***.--***	***32 - 114***				S
Pyrene-d10	***.--***	***33 - 121***				S
Terphenyl-d14	***.--***	***31 - 116***				S

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B3-4.5**					
Laboratory ID:	02-262-03					
Benzo[a]anthracene	**ND**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Chrysene	**0.020**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo[b]fluoranthene	**0.020**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo[a]pyrene	**0.027**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Indeno(1,2,3-c,d)pyrene	**0.044**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270D/SIM	3-8-15	3-9-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***104***	***32 - 114***				
Pyrene-d10	***98***	***33 - 121***				
Terphenyl-d14	***83***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-B4-4.5**					
Laboratory ID:	02-262-04					
Benzo[a]anthracene	**0.19**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**0.17**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**0.31**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**0.12**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**0.17**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**0.13**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**0.052**	0.016	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***95***	***32 - 114***				
Pyrene-d10	***90***	***33 - 121***				
Terphenyl-d14	***104***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S1-4.0**					
Laboratory ID:	02-262-05					
Benzo[a]anthracene	**3.2**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**3.1**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**9.2**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**2.4**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**7.8**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**9.1**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**2.1**	0.11	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***97***	***32 - 114***				
Pyrene-d10	***67***	***33 - 121***				
Terphenyl-d14	***66***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S2-4.0**					
Laboratory ID:	02-262-06					
Benzo[a]anthracene	**50**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**52**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**53**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**44**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**51**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**28**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**12**	1.6	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***.--***	***32 - 114***				S
Pyrene-d10	***.--***	***33 - 121***				S
Terphenyl-d14	***.--***	***31 - 116***				S

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S3-3.5**					
Laboratory ID:	02-262-07					
Benzo[a]anthracene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Chrysene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Benzo[b]fluoranthene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Benzo(j,k)fluoranthene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Benzo[a]pyrene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270D/SIM	3-8-15	3-11-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***79***	***32 - 114***				
Pyrene-d10	***78***	***33 - 121***				
Terphenyl-d14	***80***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-PIPING-S4-3.5**					
Laboratory ID:	02-262-08					
Benzo[a]anthracene	**ND**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Chrysene	**0.0095**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[b]fluoranthene	**0.013**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo(j,k)fluoranthene	**0.0081**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Benzo[a]pyrene	**0.027**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Indeno(1,2,3-c,d)pyrene	**0.052**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Dibenz[a,h]anthracene	**0.0081**	0.0074	EPA 8270D/SIM	3-8-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***89***	***32 - 114***				
Pyrene-d10	***88***	***33 - 121***				
Terphenyl-d14	***81***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0308S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-8-15	3-9-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***92***	***32 - 114***				
Pyrene-d10	***88***	***33 - 121***				
Terphenyl-d14	***79***	***31 - 116***				

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

cPAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-023-03										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	**0.0555**	**0.0706**	0.0833	0.0833	ND	67	85	42 - 134	24	27	
Chrysene	**0.0697**	**0.0724**	0.0833	0.0833	ND	84	87	45 - 114	4	27	
Benzo[b]fluoranthene	**0.0739**	**0.0909**	0.0833	0.0833	ND	89	109	38 - 131	20	33	
Benzo(j,k)fluoranthene	**0.0667**	**0.0753**	0.0833	0.0833	ND	80	90	44 - 114	12	34	
Benzo[a]pyrene	**0.0751**	**0.0826**	0.0833	0.0833	ND	90	99	40 - 136	10	29	
Indeno(1,2,3-c,d)pyrene	**0.0682**	**0.0769**	0.0833	0.0833	ND	82	92	45 - 126	12	30	
Dibenz[a,h]anthracene	**0.0692**	**0.0773**	0.0833	0.0833	ND	83	93	46 - 121	11	28	
Surrogate:											
2-Fluorobiphenyl						***79***	***91***	***32 - 114***			
Pyrene-d10						***80***	***86***	***33 - 121***			
Terphenyl-d14						***66***	***74***	***31 - 116***			

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Date of Report: March 11, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-262
Project: 14697

% MOISTURE

Date Analyzed: 3-3-15

Client ID	Lab ID	% Moisture
B7-PIPING-B1-5.0	02-262-01	28
B7-PIPING-B2-5.0	02-262-02	15
B7-PIPING-B3-4.5	02-262-03	9
B7-PIPING-B4-4.5	02-262-04	17
B7-PIPING-S1-4.0	02-262-05	40
B7-PIPING-S2-4.0	02-262-06	17
B7-PIPING-S3-3.5	02-262-07	12
B7-PIPING-S4-3.5	02-262-08	9

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z1 - The sample chromatogram is similar to mineral spirits with diesel.

Z2 -The sample chromatogram is similar to mineral spirits.

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: Amec
Project Number: Kelly-Moore Soil EX.
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 02-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs					% Moisture
1	B7-piping-B1-5.0	2/27/15	1000	Soil	2		X		X									X				X					10
2	B7-piping-B2-5.0		1005		2																						
3	B7-piping-B3-4.5		1010		2																						
4	B7-piping-B4-4.5		1015		2																						
5	B7-piping-S1-4.0		1020		2																						
6	B7-piping-S2-4.0		1025		2																						
7	B7-piping-S3-3.5		1030		3																						
8	B7-piping-S4-3.5		1035		3																						

	Signature	Company	Date	Time
Relinquished		Amec	2/27/15	1400
Received		GPROD-1	2/27/15	1401
Relinquished		GPROD-1	2/27/15	1546
Received		GPROD	2/27/15	1546
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
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March 6, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-037

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 5, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

Case Narrative

Samples were collected on March 5, 2015 and received by the laboratory on March 5, 2015. 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/BTEX Analysis

Method 5035A VOA vials were not provided. The sample was therefore extracted from a 4-ounce jar for analysis. Some loss of volatiles may have occurred.

The sample chromatogram is similar to mineral spirits with diesel.

Semivolatiles EPA 8270D/SIM Analysis

Sample tank-soil-B1 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%.

Total Metals EPA 6010C/7471B Analysis

The duplicate RPD for Chromium is outside control limits due to the inherently high percentage variability of samples that are within five times the detection limit.

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.

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NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**tank-soil-B1**					
Laboratory ID:	03-037-01					
Benzene	**0.17**	0.025	EPA 8021B	3-5-15	3-5-15	
Toluene	**0.19**	0.13	EPA 8021B	3-5-15	3-5-15	
Ethyl Benzene	**2.5**	0.13	EPA 8021B	3-5-15	3-5-15	
m,p-Xylene	**5.0**	0.13	EPA 8021B	3-5-15	3-5-15	
o-Xylene	**ND**	1.3	EPA 8021B	3-5-15	3-5-15	U1
Gasoline	**4400**	320	NWTPH-Gx	3-5-15	3-6-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***68-123***				

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NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0305S1					
Benzene	**ND**	0.020	EPA 8021B	3-5-15	3-5-15	
Toluene	**ND**	0.050	EPA 8021B	3-5-15	3-5-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-5-15	3-5-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-5-15	3-5-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-5-15	3-5-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-5-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***84***	***68-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-031-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***89***	***92***	***68-123***			
SPIKE BLANKS											
Laboratory ID:	SB0305S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.930**	**0.964**	1.00	1.00		**93**	**96**	75-117	4	13	
Toluene	**0.936**	**0.968**	1.00	1.00		**94**	**97**	78-118	3	12	
Ethyl Benzene	**0.932**	**0.974**	1.00	1.00		**93**	**97**	78-118	4	12	
m,p-Xylene	**0.939**	**0.980**	1.00	1.00		**94**	**98**	78-121	4	13	
o-Xylene	**0.948**	**0.983**	1.00	1.00		**95**	**98**	77-119	4	13	
Surrogate:											
Fluorobenzene						***91***	***94***	***68-123***			

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NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**tank-soil-B1**					
Laboratory ID:	03-037-01					
Diesel Range Organics	**2100**	150	NWTPH-Dx	3-5-15	3-5-15	M
Lube Oil Range Organics	**1700**	290	NWTPH-Dx	3-5-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***87***	***50-150***				

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NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0305S4					
Diesel Range Organics	**ND**	25	NWTPH-Dx	3-5-15	3-5-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	3-5-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***102***	***50-150***				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	03-031-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						***92*** ***94***	***50-150***			

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SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**tank-soil-B1**					
Laboratory ID:	03-037-01					
n-Nitrosodimethylamine	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Pyridine	**ND**	7.9	EPA 8270D	3-5-15	3-6-15	
Phenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Aniline	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroethyl)ether	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Chlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,3-Dichlorobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,4-Dichlorobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzyl alcohol	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
1,2-Dichlorobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Methylphenol (o-Cresol)	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroisopropyl)ether	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
n-Nitroso-di-n-propylamine	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Hexachloroethane	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Nitrobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Isophorone	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Nitrophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,4-Dimethylphenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroethoxy)methane	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,4-Dichlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,2,4-Trichlorobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Naphthalene	**8.2**	0.79	EPA 8270D	3-5-15	3-6-15	
4-Chloroaniline	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
Hexachlorobutadiene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
4-Chloro-3-methylphenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Methylnaphthalene	**16**	0.79	EPA 8270D	3-5-15	3-6-15	
1-Methylnaphthalene	**12**	0.79	EPA 8270D	3-5-15	3-6-15	
Hexachlorocyclopentadiene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,4,6-Trichlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,3-Dichloroaniline	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,4,5-Trichlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Chloronaphthalene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2-Nitroaniline	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,4-Dinitrobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Dimethylphthalate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,3-Dinitrobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,6-Dinitrotoluene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,2-Dinitrobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Acenaphthylene	**0.93**	0.79	EPA 8270D	3-5-15	3-6-15	
3-Nitroaniline	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	

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SEMIVOLATILES EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**tank-soil-B1**					
Laboratory ID:	03-037-01					
2,4-Dinitrophenol	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
Acenaphthene	**5.8**	0.79	EPA 8270D	3-5-15	3-6-15	
4-Nitrophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,4-Dinitrotoluene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Dibenzofuran	**1.8**	0.79	EPA 8270D	3-5-15	3-6-15	
2,3,5,6-Tetrachlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
2,3,4,6-Tetrachlorophenol	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Diethylphthalate	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
4-Chlorophenyl-phenylether	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
4-Nitroaniline	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Fluorene	**3.6**	0.79	EPA 8270D	3-5-15	3-6-15	
4,6-Dinitro-2-methylphenol	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
n-Nitrosodiphenylamine	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
1,2-Diphenylhydrazine	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
4-Bromophenyl-phenylether	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Hexachlorobenzene	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Pentachlorophenol	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
Phenanthrene	**12**	0.79	EPA 8270D	3-5-15	3-6-15	
Anthracene	**3.3**	0.79	EPA 8270D	3-5-15	3-6-15	
Carbazole	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Di-n-butylphthalate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Fluoranthene	**14**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzidine	**ND**	7.9	EPA 8270D	3-5-15	3-6-15	
Pyrene	**14**	0.79	EPA 8270D	3-5-15	3-6-15	
Butylbenzylphthalate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
bis-2-Ethylhexyladipate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
3,3'-Dichlorobenzidine	**ND**	3.9	EPA 8270D	3-5-15	3-6-15	
Benzo[a]anthracene	**11**	0.79	EPA 8270D	3-5-15	3-6-15	
Chrysene	**15**	0.79	EPA 8270D	3-5-15	3-6-15	
bis(2-Ethylhexyl)phthalate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Di-n-octylphthalate	**ND**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzo[b]fluoranthene	**20**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzo(j,k)fluoranthene	**6.0**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzo[a]pyrene	**11**	0.79	EPA 8270D	3-5-15	3-6-15	
Indeno[1,2,3-cd]pyrene	**8.4**	0.79	EPA 8270D	3-5-15	3-6-15	
Dibenz[a,h]anthracene	**3.2**	0.79	EPA 8270D	3-5-15	3-6-15	
Benzo[g,h,i]perylene	**10**	0.79	EPA 8270D	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***47***	***31 - 110***				
Phenol-d6	***60***	***34 - 109***				
Nitrobenzene-d5	***125***	***30 - 109***				Q
2-Fluorobiphenyl	***83***	***39 - 103***				
2,4,6-Tribromophenol	***48***	***25 - 120***				
Terphenyl-d14	***75***	***40 - 117***				

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SEMIVOLATILES 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:	MB0305S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Pyridine	**ND**	0.33	EPA 8270D	3-5-15	3-6-15	
Phenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Aniline	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Chlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Benzyl alcohol	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Hexachloroethane	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Nitrobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Isophorone	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Nitrophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
4-Chloroaniline	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
Hexachlorobutadiene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Chloronaphthalene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2-Nitroaniline	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Dimethylphthalate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
3-Nitroaniline	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	

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SEMIVOLATILES EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0305S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
4-Nitrophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Dibenzofuran	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Diethylphthalate	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
4-Nitroaniline	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Hexachlorobenzene	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Pentachlorophenol	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Carbazole	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Di-n-butylphthalate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Benzidine	**ND**	0.33	EPA 8270D	3-5-15	3-6-15	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Butylbenzylphthalate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
bis-2-Ethylhexyladipate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
3,3'-Dichlorobenzidine	**ND**	0.17	EPA 8270D	3-5-15	3-6-15	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
bis(2-Ethylhexyl)phthalate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Di-n-octylphthalate	**ND**	0.033	EPA 8270D	3-5-15	3-6-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	3-5-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***75***	***31 - 110***				
Phenol-d6	***77***	***34 - 109***				
Nitrobenzene-d5	***80***	***30 - 109***				
2-Fluorobiphenyl	***75***	***39 - 103***				
2,4,6-Tribromophenol	***69***	***25 - 120***				
Terphenyl-d14	***68***	***40 - 117***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

SEMIVOLATILES 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:	SB0305S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.954**	**1.06**	1.33	1.33	72	80	55 - 105	11	25	
2-Chlorophenol	**0.950**	**1.07**	1.33	1.33	71	80	56 - 102	12	30	
1,4-Dichlorobenzene	**0.487**	**0.528**	0.667	0.667	73	79	49 - 99	8	35	
n-Nitroso-di-n-propylamine	**0.460**	**0.521**	0.667	0.667	69	78	52 - 102	12	26	
1,2,4-Trichlorobenzene	**0.479**	**0.559**	0.667	0.667	72	84	49 - 110	15	30	
4-Chloro-3-methylphenol	**0.908**	**1.10**	1.33	1.33	68	83	59 - 113	19	22	
Acenaphthene	**0.422**	**0.512**	0.667	0.667	63	77	52 - 103	19	22	
4-Nitrophenol	**0.944**	**1.18**	1.33	1.33	71	89	51 - 125	22	23	
2,4-Dinitrotoluene	**0.429**	**0.534**	0.667	0.667	64	80	53 - 118	22	23	
Pentachlorophenol	**0.957**	**1.13**	1.33	1.33	72	85	25 - 141	17	39	
Pyrene	**0.423**	**0.505**	0.667	0.667	63	76	57 - 120	18	20	
Surrogate:										
2-Fluorophenol					***68***	***76***	***31 - 110***			
Phenol-d6					***69***	***79***	***34 - 109***			
Nitrobenzene-d5					***69***	***82***	***30 - 109***			
2-Fluorobiphenyl					***66***	***78***	***39 - 103***			
2,4,6-Tribromophenol					***63***	***76***	***25 - 120***			
Terphenyl-d14					***60***	***71***	***40 - 117***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**tank-soil-B1**					
Laboratory ID:	03-037-01					
Aroclor 1016	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1221	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1232	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1242	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1248	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1254	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Aroclor 1260	**ND**	0.24	EPA 8082A	3-6-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***104***	***55-140***				

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0306S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-6-15	3-6-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***55-140***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-022-02										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.296**	**0.267**	0.500	0.500	ND	**59**	**53**	46-136	10	17	
Surrogate:											
DCB						***65***	***62***	***55-140***			

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-037-01					
Client ID:	**tank-soil-B1**					
Arsenic	**ND**	12	6010C	3-5-15	3-5-15	
Barium	**170**	2.9	6010C	3-5-15	3-5-15	
Cadmium	**ND**	0.59	6010C	3-5-15	3-5-15	
Chromium	**25**	0.59	6010C	3-5-15	3-5-15	
Lead	**120**	5.9	6010C	3-5-15	3-5-15	
Mercury	**ND**	0.29	7471B	3-6-15	3-6-15	
Selenium	**ND**	12	6010C	3-5-15	3-5-15	
Silver	**ND**	1.2	6010C	3-5-15	3-5-15	

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-5-15
Date Analyzed:	3-5-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0305SM1

Analyte	Method	Result	PQL
Arsenic	6010C	**ND**	10
Barium	6010C	**ND**	2.5
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Lead	6010C	**ND**	5.0
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-6-15
Date Analyzed:	3-6-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB03061

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 3-5-15
Date Analyzed: 3-5-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-189-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**55.7**	**54.0**	3	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**55.6**	**41.4**	29	0.50	K
Lead	**ND**	**ND**	NA	5.0	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-037-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 3-5-15
Date Analyzed: 3-5-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-189-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**94.2**	94	**89.9**	90	5	
Barium	100	**165**	110	**158**	103	4	
Cadmium	50.0	**50.0**	100	**48.3**	97	3	
Chromium	100	**139**	83	**138**	83	0	
Lead	250	**229**	92	**220**	88	4	
Selenium	100	**95.7**	96	**94.8**	95	1	
Silver	25.0	**21.4**	86	**20.4**	82	5	

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 3-6-15
Date Analyzed: 3-6-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-037-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.486**	97	**0.486**	97	0	

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Date of Report: March 6, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-037
Project: 14697

% MOISTURE

Date Analyzed: 3-5-15

Client ID	Lab ID	% Moisture
tank-soil-B1	03-037-01	15

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits with diesel.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: Amec
Project Number: 14697
Project Name: Former Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days) (TPH analysis 5 Days)
- ☒ ~~Rush~~ DT7 (other)

Laboratory Number: 03-037

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	tank-soil-B1	3/5/15	1210	Soil	2		X		X			X		X				X				X

	Signature	Company	Date	Time
Relinquished		Amec	3/5/15	1300
Received		SPECTRA	3/5/15	1300
Relinquished		SPECTRA	3/5/15	1330
Received		ONE	3/5/15	1330
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
~~Please confirm analysis of SVOCs and PCBs~~ ~~w/ Tasya Gray~~ DB

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 11, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14967
Laboratory Reference No. 1503-080

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 10, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

Case Narrative

Samples were collected on March 9, 2015 and received by the laboratory on March 10, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260C Analysis

Method 5035 vials were not supplied, therefore samples were extracted from 4oz jars. Some loss of volatiles may have occurred.

Due to the necessary dilution of the samples some MTCA cleanup levels were not achievable.

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.

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Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

VOLATILES EPA 8260C
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank-soil-B1-B**					
Laboratory ID:	03-080-01					
Dichlorodifluoromethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Chloromethane	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Vinyl Chloride	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Bromomethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Chloroethane	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Trichlorofluoromethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloroethene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Acetone	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Iodomethane	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Carbon Disulfide	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Methylene Chloride	ND	0.31	EPA 8260C	3-10-15	3-10-15	
(trans) 1,2-Dichloroethene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Methyl t-Butyl Ether	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Vinyl Acetate	ND	0.31	EPA 8260C	3-10-15	3-10-15	
2,2-Dichloropropane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
(cis) 1,2-Dichloroethene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
2-Butanone	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Bromochloromethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Chloroform	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1,1-Trichloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Carbon Tetrachloride	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloropropene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Benzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2-Dichloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Trichloroethene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2-Dichloropropane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Dibromomethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Bromodichloromethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
2-Chloroethyl Vinyl Ether	ND	0.31	EPA 8260C	3-10-15	3-10-15	
(cis) 1,3-Dichloropropene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Methyl Isobutyl Ketone	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Toluene	ND	0.31	EPA 8260C	3-10-15	3-10-15	
(trans) 1,3-Dichloropropene	ND	0.063	EPA 8260C	3-10-15	3-10-15	

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Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

VOLATILES EPA 8260C
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Tank-soil-B1-B**					
Laboratory ID:	03-080-01					
1,1,2-Trichloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Tetrachloroethene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,3-Dichloropropane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
2-Hexanone	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Dibromochloromethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2-Dibromoethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Chlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1,1,2-Tetrachloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Ethylbenzene	0.29	0.063	EPA 8260C	3-10-15	3-10-15	
m,p-Xylene	1.2	0.13	EPA 8260C	3-10-15	3-10-15	
o-Xylene	0.17	0.063	EPA 8260C	3-10-15	3-10-15	
Styrene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Bromoform	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Isopropylbenzene	0.18	0.063	EPA 8260C	3-10-15	3-10-15	
Bromobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,1,2,2-Tetrachloroethane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2,3-Trichloropropane	ND	0.063	EPA 8260C	3-10-15	3-10-15	
n-Propylbenzene	0.27	0.063	EPA 8260C	3-10-15	3-10-15	
2-Chlorotoluene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
4-Chlorotoluene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,3,5-Trimethylbenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
tert-Butylbenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2,4-Trimethylbenzene	0.10	0.063	EPA 8260C	3-10-15	3-10-15	
sec-Butylbenzene	0.074	0.063	EPA 8260C	3-10-15	3-10-15	
1,3-Dichlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
p-Isopropyltoluene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,4-Dichlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2-Dichlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
n-Butylbenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
1,2-Dibromo-3-chloropropane	ND	0.31	EPA 8260C	3-10-15	3-10-15	
1,2,4-Trichlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Hexachlorobutadiene	ND	0.31	EPA 8260C	3-10-15	3-10-15	
Naphthalene	0.38	0.063	EPA 8260C	3-10-15	3-10-15	
1,2,3-Trichlorobenzene	ND	0.063	EPA 8260C	3-10-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***110***	***76-131***				
Toluene-d8	***103***	***82-129***				
4-Bromofluorobenzene	***117***	***79-126***				

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Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0310S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Chloromethane	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Bromomethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Chloroethane	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Acetone	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Iodomethane	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Methylene Chloride	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
2-Butanone	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Bromochloromethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Chloroform	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Benzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Trichloroethene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Dibromomethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Toluene	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	

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Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0310S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
2-Hexanone	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Chlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Ethylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
m,p-Xylene	ND	0.0020	EPA 8260C	3-10-15	3-10-15	
o-Xylene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Styrene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Bromoform	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Bromobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	3-10-15	3-10-15	
Naphthalene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	3-10-15	3-10-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***102***	***76-131***				
Toluene-d8	***96***	***82-129***				
4-Bromofluorobenzene	***99***	***79-126***				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

VOLATILES EPA 8260C
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:	SB0310S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0460**	**0.0426**	0.0500	0.0500	92	85	66-129	8	15	
Benzene	**0.0466**	**0.0425**	0.0500	0.0500	93	85	71-123	9	15	
Trichloroethene	**0.0511**	**0.0454**	0.0500	0.0500	102	91	75-115	12	15	
Toluene	**0.0477**	**0.0448**	0.0500	0.0500	95	90	75-120	6	15	
Chlorobenzene	**0.0472**	**0.0421**	0.0500	0.0500	94	84	75-121	11	15	
Surrogate:										
Dibromofluoromethane					***100***	***103***	***76-131***			
Toluene-d8					***93***	***97***	***82-129***			
4-Bromofluorobenzene					***98***	***100***	***79-126***			

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Date of Report: March 11, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-080
Project: 14967

% MOISTURE

Date Analyzed: 3-10-15

Client ID	Lab ID	% Moisture
Tank-soil-B1-B	03-080-01	13

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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:

Project Number: Former Kelly Moore UST

Project Name: 14967

Project Manager: Tasya Gray

Sampled by: Nathan Morley

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days) (TPH analysis 5 Days)
- ☒ RUSH (other)

Laboratory Number: 03-080

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	Tank-soil-B1-B	3/9/15	1400	soil	2					X												X

	Signature	Company	Date	Time
Relinquished		AMEC	3/10/15	0815
Received		Spdy	"	956
Relinquished		"	"	1045
Received		OSE	3/10/15	1045
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 24, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-144

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

Case Narrative

Samples were collected on March 13, 2015 and received by the laboratory on March 16, 2015. 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/BTEX Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The chromatograms for samples B7-piping-B5-5.0 and B7-piping-S1B-4.0 are similar to mineral spirits with diesel.

cPAHs EPA 8270D/SIM Analysis

The method blank and a matrix spike 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.

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-piping-B5-5.0**					
Laboratory ID:	03-144-01					
Benzene	**0.13**	0.023	EPA 8021B	3-16-15	3-18-15	
Toluene	**ND**	0.12	EPA 8021B	3-16-15	3-18-15	
Ethyl Benzene	**0.27**	0.12	EPA 8021B	3-16-15	3-18-15	
m,p-Xylene	**1.4**	0.12	EPA 8021B	3-16-15	3-18-15	
o-Xylene	**ND**	0.12	EPA 8021B	3-16-15	3-18-15	
Gasoline	**1100**	120	NWTPH-Gx	3-16-15	3-17-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***68-123***				
Client ID:	**B7-piping-S1B-4.0**					
Laboratory ID:	03-144-02					
Benzene	**0.27**	0.047	EPA 8021B	3-16-15	3-17-15	
Toluene	**ND**	0.23	EPA 8021B	3-16-15	3-17-15	
Ethyl Benzene	**0.69**	0.23	EPA 8021B	3-16-15	3-17-15	
m,p-Xylene	**3.6**	0.23	EPA 8021B	3-16-15	3-17-15	
o-Xylene	**ND**	1.2	EPA 8021B	3-16-15	3-17-15	U1
Gasoline	**3900**	470	NWTPH-Gx	3-16-15	3-20-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***106***	***68-123***				

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0316S1					
Benzene	**ND**	0.020	EPA 8021B	3-16-15	3-16-15	
Toluene	**ND**	0.050	EPA 8021B	3-16-15	3-16-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-16-15	3-16-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-16-15	3-16-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-16-15	3-16-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-16-15	3-16-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***89***	***68-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-151-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***98***	***99***	***68-123***			
SPIKE BLANKS											
Laboratory ID:	SB0316S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.889**	**0.920**	1.00	1.00		**89**	**92**	75-117	3	13	
Toluene	**0.920**	**0.936**	1.00	1.00		**92**	**94**	78-118	2	12	
Ethyl Benzene	**0.915**	**0.928**	1.00	1.00		**92**	**93**	78-118	1	12	
m,p-Xylene	**0.941**	**0.939**	1.00	1.00		**94**	**94**	78-121	0	13	
o-Xylene	**0.923**	**0.925**	1.00	1.00		**92**	**93**	77-119	0	13	
Surrogate:											
Fluorobenzene						***87***	***91***	***68-123***			

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-piping-B5-5.0**					
Laboratory ID:	03-144-01					
Diesel Fuel #2	**7800**	160	NWTPH-Dx	3-17-15	3-19-15	
Lube Oil Range Organics	**ND**	970	NWTPH-Dx	3-17-15	3-19-15	U1
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***87***	***50-150***				
Client ID:	**B7-piping-S1B-4.0**					
Laboratory ID:	03-144-02					
Diesel Fuel #2	**11000**	140	NWTPH-Dx	3-17-15	3-19-15	
Lube Oil Range Organics	**ND**	1300	NWTPH-Dx	3-17-15	3-19-15	U1
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***92***	***50-150***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	3-17-15	3-17-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	3-17-15	3-17-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***94***	***50-150***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-115-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						***92***	***86***	***50-150***			

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-144-01					
Client ID:	**B7-piping-B5-5.0**					
Arsenic	**ND**	13	6010C	3-17-17	3-17-15	
Barium	**49**	3.2	6010C	3-17-17	3-17-15	
Cadmium	**ND**	0.65	6010C	3-17-17	3-17-15	
Chromium	**8.4**	0.65	6010C	3-17-17	3-17-15	
Lead	**ND**	6.5	6010C	3-17-17	3-17-15	
Mercury	**ND**	0.32	7471B	3-17-17	3-17-15	
Selenium	**ND**	13	6010C	3-17-17	3-17-15	
Silver	**ND**	1.3	6010C	3-17-17	3-17-15	
Lab ID:	03-144-02					
Client ID:	**B7-piping-S1B-4.0**					
Arsenic	**ND**	11	6010C	3-17-17	3-17-15	
Barium	**33**	2.7	6010C	3-17-17	3-17-15	
Cadmium	**ND**	0.54	6010C	3-17-17	3-17-15	
Chromium	**9.5**	0.54	6010C	3-17-17	3-17-15	
Lead	**ND**	5.4	6010C	3-17-17	3-17-15	
Mercury	**ND**	0.27	7471B	3-17-17	3-17-15	
Selenium	**ND**	11	6010C	3-17-17	3-17-15	
Silver	**ND**	1.1	6010C	3-17-17	3-17-15	

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

TOTAL METALS
EPA 6010C/7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-17-17
Date Analyzed:	3-17-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0317SM1&MB0317S1

Analyte	Method	Result	PQL
Arsenic	6010C	**ND**	10
Barium	6010C	**ND**	2.5
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Lead	6010C	**ND**	5.0
Mercury	7471B	**ND**	0.25
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

TOTAL METALS
EPA 6010C/7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 3-17-17
Date Analyzed: 3-17-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-144-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**30.6**	**30.7**	0	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**8.80**	**8.45**	4	0.50	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

TOTAL METALS
EPA 6010C/7471B
MS/MSD QUALITY CONTROL

Date Extracted: 3-17-17
Date Analyzed: 3-17-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-144-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**98.3**	98	**96.6**	97	2	
Barium	100	**136**	106	**129**	99	5	
Cadmium	50.0	**49.1**	98	**47.7**	95	3	
Chromium	100	**108**	99	**105**	96	3	
Lead	250	**248**	99	**244**	97	2	
Mercury	0.500	**0.513**	103	**0.523**	105	2	
Selenium	100	**98.4**	98	**94.0**	94	5	
Silver	25.0	**25.0**	100	**24.4**	98	2	

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-piping-B5-5.0**					
Laboratory ID:	03-144-01					
Benzo[a]anthracene	**4.5**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Chrysene	**3.6**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo[b]fluoranthene	**3.8**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo(j,k)fluoranthene	**1.5**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo[a]pyrene	**3.7**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Indeno(1,2,3-c,d)pyrene	**1.3**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Dibenz[a,h]anthracene	**0.42**	0.086	EPA 8270D/SIM	3-19-15	3-23-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***97***	***32 - 114***				
Pyrene-d10	***92***	***33 - 121***				
Terphenyl-d14	***88***	***31 - 116***				

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B7-piping-S1B-4.0**					
Laboratory ID:	03-144-02					
Benzo[a]anthracene	**0.45**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Chrysene	**0.30**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo[b]fluoranthene	**0.29**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo(j,k)fluoranthene	**0.16**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Benzo[a]pyrene	**0.28**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Indeno(1,2,3-c,d)pyrene	**0.095**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Dibenz[a,h]anthracene	**ND**	0.072	EPA 8270D/SIM	3-19-15	3-23-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***95***	***32 - 114***				
Pyrene-d10	***90***	***33 - 121***				
Terphenyl-d14	***87***	***31 - 116***				

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0319S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***115***	***32 - 114***				Q
Pyrene-d10	***84***	***33 - 121***				
Terphenyl-d14	***81***	***31 - 116***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

cPAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-107-01										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	**0.0826**	**0.0682**	0.0833	0.0833	ND	99	82	42 - 134	19	27	
Chrysene	**0.0694**	**0.0589**	0.0833	0.0833	ND	83	71	45 - 114	16	27	
Benzo[b]fluoranthene	**0.0726**	**0.0624**	0.0833	0.0833	ND	87	75	38 - 131	15	33	
Benzo(j,k)fluoranthene	**0.0703**	**0.0616**	0.0833	0.0833	ND	84	74	44 - 114	13	34	
Benzo[a]pyrene	**0.0808**	**0.0665**	0.0833	0.0833	ND	97	80	40 - 136	19	29	
Indeno(1,2,3-c,d)pyrene	**0.0710**	**0.0591**	0.0833	0.0833	ND	85	71	45 - 126	18	30	
Dibenz[a,h]anthracene	**0.0713**	**0.0594**	0.0833	0.0833	ND	86	71	46 - 121	18	28	
Surrogate:											
2-Fluorobiphenyl						***120***	***91***	***32 - 114***			Q
Pyrene-d10						***82***	***69***	***33 - 121***			
Terphenyl-d14						***78***	***66***	***31 - 116***			

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Date of Report: March 24, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-144
Project: 14697

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
B7-piping-B5-5.0	03-144-01	23
B7-piping-S1B-4.0	03-144-02	8

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatograms are similar to mineral spirits with diesel.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasha Gray
Sampled by: Nathan Moxley

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: 03-144

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs					% Moisture
1	B7-piping-B5-5.0	03/13/15	0750	Soil	2		X		X									X				X					X
2	B7-piping-SIB-4.0	↓	0755	↓	2		X		X									X				X					X

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2040
Received		GSR	3/16/15	123
Relinquished		GSR	3/16/15	1120
Received		Fed Ex	3/16/15	1121
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 20, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-035

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 5, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

Case Narrative

Samples were collected on March 4, 2015 and received by the laboratory on March 5, 2015. 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

The chromatograms for samples KM-45-5.0-9.0, KM-46-5.0-9.0, KM-47-5.0-9.0, KM-48-5.0-9.0 and KM-50-5.0-9.0 are similar to mineral spirits.

The chromatogram for sample KM-49-5.0-9.0 is not similar to that of a typical gas.

The chromatograms for samples KM-51-5.0-9.0 and KM-52-5.0-9.0 are similar to mineral spirits with diesel.

Sulfate ASTM D516-07 Analysis

Sample KM-44.5.0-9.0 (03-035-01) PQL was increased due to sample interference.

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.

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-44-5.0-9.0**					
Laboratory ID:	03-035-01					
Gasoline	**3500**	100	NWTPH-Gx	3-9-15	3-9-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*71-113*				
Client ID:	**KM-45-5.0-9.0**					
Laboratory ID:	03-035-02					
Gasoline	**3500**	400	NWTPH-Gx	3-11-15	3-11-15	Z1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*71-113*				
Client ID:	**KM-46-5.0-9.0**					
Laboratory ID:	03-035-03					
Gasoline	**14000**	2000	NWTPH-Gx	3-11-15	3-11-15	Z1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-113*				
Client ID:	**KM-47-5.0-9.0**					
Laboratory ID:	03-035-04					
Gasoline	**2100**	400	NWTPH-Gx	3-11-15	3-11-15	Z1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*71-113*				
Client ID:	**KM-48-5.0-9.0**					
Laboratory ID:	03-035-05					
Gasoline	**4600**	400	NWTPH-Gx	3-11-15	3-11-15	Z1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*71-113*				
Client ID:	**KM-49-5.0-9.0**					
Laboratory ID:	03-035-06					
Gasoline	**26000**	5000	NWTPH-Gx	3-11-15	3-11-15	T
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*71-113*				
Client ID:	**KM-50-5.0-9.0**					
Laboratory ID:	03-035-07					
Gasoline	**3100**	400	NWTPH-Gx	3-11-15	3-11-15	Z1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*71-113*				
Client ID:	**KM-51-5.0-9.0**					
Laboratory ID:	03-035-08					
Gasoline	**4700**	400	NWTPH-Gx	3-11-15	3-11-15	Z2
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*71-113*				

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	**KM-52-5.0-9.0**					
Laboratory ID:	03-035-09					
Gasoline	**1300**	400	NWTPH-Gx	3-11-15	3-11-15	Z2
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*71-113*				
Client ID:	**trip blanks**					
Laboratory ID:	03-035-10					
Gasoline	**ND**	100	NWTPH-Gx	3-9-15	3-9-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*71-113*				

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0309W2					
Gasoline	**ND**	100	NWTPH-Gx	3-9-15	3-9-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*71-113*				
Laboratory ID:	MB0311W1					
Gasoline	**ND**	100	NWTPH-Gx	3-11-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*71-113*				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-032-01								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*92* *93*	*71-113*			

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-44-5.0-9.0**					
Laboratory ID:	03-035-01					
Total Organic Carbon	**4.4**	1.0	SM 5310B	3-11-15	3-11-15	
Client ID:	**KM-52-5.0-9.0**					
Laboratory ID:	03-035-09					
Total Organic Carbon	**19**	1.0	SM 5310B	3-11-15	3-11-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0311W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-11-15	3-11-15	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-054-02								
	ORIG	DUP							
Total Organic Carbon	**17.0**	**17.7**	NA	NA	NA	NA	4	15	
MATRIX SPIKE									
Laboratory ID:	03-054-02								
	MS		MS		MS				
Total Organic Carbon	**27.1**		10.0	17.0	101	80-122	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0311W1								
	SB		SB		SB				
Total Organic Carbon	**10.6**		10.0	NA	106	84-115	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL METALS
EPA 6010C

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-035-01					
Client ID:	**KM-44-5.0-9.0**					
Iron	**30000**	250	6010C	3-12-15	3-12-15	
Manganese	**440**	10	6010C	3-12-15	3-12-15	
Lab ID:	03-035-09					
Client ID:	**KM-52-5.0-9.0**					
Iron	**44000**	250	6010C	3-12-15	3-12-15	
Manganese	**1800**	10	6010C	3-12-15	3-12-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	3-12-15
Date Analyzed:	3-12-15
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0312WH1

Analyte	Method	Result	PQL
Iron	6010C	**ND**	50
Manganese	6010C	**ND**	10

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 3-12-15
Date Analyzed: 3-12-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-049-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Iron	**ND**	**ND**	NA	50	
Manganese	**ND**	**ND**	NA	10	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 3-12-15
Date Analyzed: 3-12-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-049-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Iron	20000	**20000**	100	**18700**	93	7	
Manganese	1000	**1120**	112	**1050**	105	6	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

DISSOLVED METALS
EPA 6010C

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-035-01					
Client ID:	**KM-44-5.0-9.0**					
Iron	**24000**	56	6010C		3-12-15	
Manganese	**380**	11	6010C		3-12-15	
Lab ID:	03-035-09					
Client ID:	**KM-52-5.0-9.0**					
Iron	**42000**	250	6010C		3-12-15	
Manganese	**1700**	11	6010C		3-12-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

DISSOLVED METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Analyzed: 3-12-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0312D1

Analyte	Method	Result	PQL
Iron	6010C	**ND**	56
Manganese	6010C	**ND**	11

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

DISSOLVED METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Analyzed: 3-12-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-035-09

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Iron	**42300**	**42400**	0	250	
Manganese	**1860**	**1840**	1	50	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

DISSOLVED METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Analyzed: 3-12-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-035-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Iron	100000	**134000**	92	**140000**	97	4	
Manganese	5000	**7040**	104	**7450**	112	6	

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-44-5.0-9.0**					
Laboratory ID:	03-035-01					
Nitrate	**ND**	0.050	EPA 353.2	3-9-15	3-9-15	
Client ID:	**KM-52-5.0-9.0**					
Laboratory ID:	03-035-09					
Nitrate	**0.16**	0.050	EPA 353.2	3-9-15	3-9-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

NITRATE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0309W1					
Nitrate	**ND**	0.050	EPA 353.2	3-9-15	3-9-15	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	03-026-01							
	ORIG DUP							
Nitrate	**0.318** **0.331**	NA	NA	NA	NA	4	13	
MATRIX SPIKE								
Laboratory ID:	03-026-01							
	MS	MS		MS				
Nitrate	**2.21**	2.00	0.318	95	90-123	NA	NA	
SPIKE BLANK								
Laboratory ID:	SB0309W1							
	SB	SB		SB				
Nitrate	**2.14**	2.00	NA	107	88-121	NA	NA	

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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

SULFATE
ASTM D516-07

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-44-5.0-9.0**					
Laboratory ID:	03-035-01					
Sulfate	**ND**	10	ASTM D516-07	3-11-15	3-11-15	
Client ID:	**KM-52-5.0-9.0**					
Laboratory ID:	03-035-09					
Sulfate	**110**	50	ASTM D516-07	3-11-15	3-11-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 20, 2015
Samples Submitted: March 5, 2015
Laboratory Reference: 1503-035
Project: 14697

SULFATE
ASTM D516-07
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0311W1					
Sulfate	**ND**	5.0	ASTM D516-07	3-11-15	3-11-15	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-074-01								
	ORIG	DUP							
Sulfate	**8.00**	**7.76**	NA	NA	NA	NA	3	10	
MATRIX SPIKE									
Laboratory ID:	03-074-01								
	MS		MS		MS				
Sulfate	**18.8**		10.0	8.00	108	82-121	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0311W1								
	SB		SB		SB				
Sulfate	**9.81**		10.0	NA	98	90-114	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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 gas.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z1 -The sample chromatogram is similar to mineral spirits.

Z2- The sample chromatogram is similar to mineral spirits with diesel.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Mar 20 2015
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
KM-44-5.0-9.0	Water	15-A003009	DEM
KM-52-5.0-9.0	Water	15-A003010	DEM

Your samples were received on Friday, March 6, 2015. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to conact me.

Sincerely,



Aaron W. Young
Laboratory Manager

Project #: 14697
PO Number: 03-035

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project #: 14697
PO Number: 03-035
All results reported on an as received basis.

Date Received: 03/06/15
Date Reported: 3/20/15

AMTEST Identification Number **15-A003009**
Client Identification **KM-44-5.0-9.0**
Sampling Date **03/04/15, 09:30**

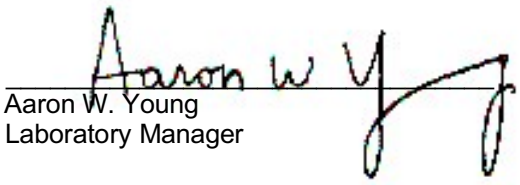
Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Chemical Oxygen Demand	38.	mg/l		10	EPA 410.4	BP	03/12/15

AMTEST Identification Number **15-A003010**
Client Identification **KM-52-5.0-9.0**
Sampling Date **03/04/15, 17:00**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Chemical Oxygen Demand	96.	mg/l		10	EPA 410.4	BP	03/12/15



Aaron W. Young
Laboratory Manager

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 15-A003009 to 15-A003010

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
15-A002793	Chemical Oxygen Demand	mg/l	< 10	45.	50.	90.00 %
15-A003212	Chemical Oxygen Demand	mg/l	< 10	51.	50.	102.00 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Chemical Oxygen Demand	mg/l	100	110	110. %

BLANKS

ANALYTE	UNITS	RESULT
Chemical Oxygen Demand	mg/l	< 10

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-035

Subcontract Laboratory: AmTest Laboratories

Turnaround Request:

Project Manager: David Baumeister

Attention: Aaron Young

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

13600 NE 126th Pl Kirkland, WA 98034

Standard

Project Number: 14697

Phone Number: (425) 885-1664

Other: _____

Project Name: _____

Date/Time: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analysis
3009	KM-44-5.0-9.0	3/4/15	0930	W	1	COD
3010	KM-52-5.0-9.0	↓	1700	↓	↓	↓

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		Client Ea	3/6/15	1445	
Received by:		AmTest	3/6/15	1915	T: 2.6°C
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

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: Amec
Project Number: 14697 pre-injection GW samples
Project Name: Former Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 03-035

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	TOC	COD	Total Fe/Mn	Diss. Fe/Mn	Nitrate + Sulfate	% Moisture
1	KM-44-5.0-9.0	3/4/15	0930	Water	9			X														X	X	X	X	X	
2	KM-45-5.0-9.0	↓	1040	↓	4			X																			
3	KM-46-5.0-9.0		1140		4			X																			
4	KM-47-~~8.0-12.0~~ NM 5.0-9.0		1245		4			X																			
5	KM-48-5.0-9.0		1400		4			X																			
6	KM-49-5.0-9.0		1440		4			X																			
7	KM-50-5.0-9.0		1520		4			X																			
8	KM-51-5.0-9.0		1600		4			X																			
9	KM-52-5.0-9.0	↓	1700	↓	9			X														X	X	X	X	X	
10	trip blanks	—	—	↓	3			X																			

	Signature	Company	Date	Time
Relinquished		Amec Foster Wheeler	3/5/15	
Received		SP-ODY	3/5/15	1207
Relinquished		SP-ODY	3/5/15	1330
Received		ODE	3/5/15	1330
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 16, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-083

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 10, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 16, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-083
Project: 14697

Case Narrative

Samples were collected on March 10, 2015 and received by the laboratory on March 10, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 16, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-083
Project: 14697

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KMW-03**					
Laboratory ID:	03-083-01					
Gasoline	**1100**	400	NWTPH-Gx	3-13-15	3-13-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*76*	*71-113*				
Client ID:	**KMW-04**					
Laboratory ID:	03-083-02					
Gasoline	**27000**	400	NWTPH-Gx	3-13-15	3-13-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*71-113*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 16, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-083
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0313W1					
Gasoline	**ND**	100	NWTPH-Gx	3-13-15	3-13-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*75*	*71-113*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-074-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*76*	*77*	*71-113*			

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec
Project Number: 14697
Project Name: KM - pre-injection GW monitoring
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 03-083

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KMW-03	3/10/15	1000	water	3			X														
2	KMW-04	3/10/15	1050	"	3			X														

	Signature	Company	Date	Time
Relinquished		Amec	3/10/15	1200
Received		GSET	3/10/15	1230
Relinquished		GSET	3/10/15	1413
Received		OSE	3/10/15	1413
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Memo

To: Natasya Gray
From: Crystal Neirby
Tel: (206) 342-1760
Fax: (206) 342-1761
Date: July 7, 2015

Project: 16110
cc: Project File

Subject: **Kelly Moore Paints – PCB Sampling – February 2015**
Summary Data Quality Review – SDGs 1502-249, 1502-249B, 1503-068, 1503-068B, 1503-143, 1503-143B, 1503-274, and 1503-283

This memorandum presents a summary data quality review for analyses of 112 primary individual and composite soil samples and three soil field duplicates collected between February 26 and March 25, 2015. The samples were submitted to OnSite Environmental Inc. (OnSite), a Washington State Department of Ecology (Ecology)-accredited laboratory, located in Redmond, Washington. The samples were analyzed for the following analytes:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (EPA) Method 8082.

The samples associated with each sample delivery group (SDG) and a summary of the data quality review are presented in Table 1, attached. Some samples were submitted and were placed on hold pending results of associated samples. Only the samples analyzed by the laboratory are presented in Table 1.

The samples were received within the acceptable temperature range of 4 ± 2°C and there were no sample discrepancies noted by the laboratory upon receipt.

Data were reviewed in accordance with the appropriate method procedures. The most current control limits provided by the laboratory were used to evaluate the quality control data.

Hold times, method blanks, blank spike (BS) and blank spike duplicate (BSD), matrix spike/matrix spike duplicate (MS/MSD) results, surrogate recoveries, field duplicate results, and reporting limits were reviewed to assess compliance with applicable methods and the laboratory procedures. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA documents (EPA, 2014).

Samples were analyzed for PCBs by the method identified in the introduction to this report and were evaluated for the following criteria.

1. Holding Times – Acceptable
2. Blanks – Acceptable
3. BS/BSD – Acceptable

The laboratory did not report blank spike results if acceptable MS/MSD results were reported, following their standard operating procedure. Sample results are not qualified.

4. MS/MSD – Acceptable

   The laboratory occasionally reported MS/MSD results performed with samples not associated with project samples. These MS/MSD results were not used to evaluate project samples.

5. Surrogates – Acceptable except as noted:

   SDG 1502-249
   The surrogate was not recovered in the analysis of sample KM15-B08-Dup-1, KM-15-B08-Comp-8, KM-15-B08-Comp-13. KM-15-B08-Comp-15. The samples were analyzed at dilutions between 10 and 20 times to overcome high analyte concentrations; therefore, the surrogate concentrations were also diluted. Sample results were not qualified due to the necessary dilutions.

   SDG 1503-068
   The surrogates were not recovered in the analysis of samples KM09-8-78 and KM09-8-79 due to the high dilution necessitated by matrix interference. Sample results are not qualified.

6. Field Duplicates – Acceptable

   Three field duplicates were submitted with this sampling event. Primary and duplicate results are summarized in the table below. The project-specific control limit for field duplicate relative percent differences (RPDs) are acceptable for sample pairs with concentrations greater than five times the reporting limit. The RPD is not calculated for results that are less than five times the reporting limit, as indicated on the table below by "NC." In these cases, the absolute value of the difference between the primary and duplicate result should not exceed the value of the reporting limit. The results for Aroclor 1254 and Aroclor 1260 in samples KM15-B08-4D and KM15-B08-DUP 1 are qualified as estimated. The difference between the primary and duplicate results exceeded the value of the reporting limit.

Sample ID/ Field Duplicate ID	Analyte	Primary Result (µg/L)	Duplicate Result (µg/L)	Reporting Limit (µg/L)	RPD (%)
KM15-B08-Comp-15/ KM15-B08-Dup-1	Aroclor 1260	3.2	3.3	0.55	3
KM15-B08-Comp-32B/ KM15-B08-Dup1-031315	Aroclor 1260	0.36	0.48	0.060	29
KM15-B08-4D/ KM15-B08-DUP 1	Aroclor 1254 Aroclor 1260	0.23 0.20	0.11 0.094	0.060	NC NC

7. Reporting Limits and Laboratory Qualifiers – Acceptable

Some of the samples were flagged with an “X” by the laboratory because these samples were treated with a mercury clean-up procedure. The samples are reported without the laboratory applied qualified and are not further qualified as a result of the data review.

OVERALL ASSESSMENT OF DATA

The OnSite SDGs 1502-249, 1502-249B, 1503-068, 1503-068B, 1503-143, 1503-143B, 1503-274, and 1503-283 are 100% complete. The data usability is based on EPA’s guidance documents. Few problems were identified and analytical performance was generally within specified limits. The data are acceptable and meet the project’s data quality objectives.

REFERENCES

U.S. Environmental Protection Agency (EPA), 2014, U.S. EPA National Functional Guidelines for Superfund Organic Methods Data Review: EPA 540-R-014-002, August.

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-Dup-1	1502-249	none	none	none
KM-15-B08-Comp-1				
KM-15-B08-Comp-2				
KM-15-B08-Comp-3				
KM-15-B08-Comp-4				
KM-15-B08-Comp-5				
KM-15-B08-Comp-6				
KM-15-B08-Comp-7				
KM-15-B08-Comp-8				
KM-15-B08-Comp-9				
KM-15-B08-Comp-10				
KM-15-B08-Comp-11				
KM-15-B08-Comp-12				
KM-15-B08-Comp-13				
KM-15-B08-Comp-14				
KM-15-B08-Comp-15				
KM-15-B08-Comp-16				
KM-15-B08-Comp-17				
KM-15-B08-Comp-18				
KM-15-B08-Comp-19				
KM-15-B08-Comp-20				
KM-15-B08-Comp-21				
KM-15-B08-Comp-22				
KM-15-B08-Comp-23				
KM-15-B08-Comp-24				
KM-15-B08-91	1502-249B	none	none	none

Amec Foster Wheeler Environment & Infrastructure, Inc.
600 University Street, Suite 600
Seattle, Washington
USA 98101-4107
Tel (206) 342-1760
Fax (206) 342-1761
www.amecfw.com

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM-15-B08-Comp30	1503-068	none	none	none
KM-15-B08-Comp3				
KM-15-B08-Comp31				
KM-15-B08-Comp32				
KM-15-B08-Comp33				
KM-15-B08-Comp34				
KM-15-B08-Comp35				
KM-15-B08-Comp36				
KM-15-B08-Comp37				
KM-15-B08-Comp41				
KM-15-B08-Comp40	1503-068	none	none	none
KM-15-B08-Comp39				
KM-15-B08-Comp38				
KM-15-B08-Comp42				
KM-15-B08-Comp43				
KM-15-B08-Comp44				
KM-15-B08-Comp45	1503-068	none	none	none
KM-15-B08-Comp46	1503-068	none	none	none
KM-15-B08-Comp47				
KM-15-B08-Comp48				
KM-15-B08-Comp49				
KM-15-B08-Comp50				
KM-15-B08-Comp51				
KM-15-B08-Comp52				
KM-15-B08-Comp53				
KM-15-B08-Comp26				
KM-15-B08-Comp25				
KM-15-B08-Comp27				
KM-15-B08-Comp28				
KM-15-B08-Comp29				
KM-15-B08-31B	1503-068B	none	none	none
KM-15-B08-38B				

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-Comp 30B	1503-143	none	none	none
KM15-B08-Comp 31B				
KM15-B08-Comp 32B				
KM15-B08-Comp 41B				
KM15-B08-Comp 54				
KM15-B08-Comp 40B				
KM15-B08-Comp 55				
KM15-B08-Comp 39B				
KM15-B08-Comp 29B				
KM15-B08-Comp 42B				
KM15-B08-Comp 43B				
KM15-B08-Comp 44B				
KM15-B08-Comp 34B				
KM15-B08-Comp 36B				
KM15-B08-Dup1-031315				
KM15-B08-3C	1503-143B	none	none	none
KM15-B08-4C				
KM15-B08-5C				
KM15-B08-6C				
KM15-B08-10C				
KM15-B08-11C	1503-143B	none	none	none
KM15-B08-12C				
KM15-B08-13C				
KM15-B08-46B				
KM15-B08-47B	1503-143B	none	none	none

TABLE 1
QUALIFIED RESULTS

Sample ID	SDG	Qualified Analyte	Qualified Result	Qualifier Reason
KM15-B08-48B	1503-143B	none	none	none
KM15-B08-53B				
KM15-B08-54B				
KM15-B08-55B				
KM15-B08-57B				
KM15-B08-58C				
KM15-B08-59C				
KM15-B08-60C				
KM15-B08-61C				
KM15-B08-77C				
KM15-B08-78C				
KM15-B08-85C				
KM15-B08-86C				
KM15-B08-148B				
KM15-B08-149B				
KM15-B08-150B				
KM15-B08-151B				
KM15-B08-79C				
KM15-B08-87C				
KM15-B08-95C				
KM15-B08-103C				
KM15-B08-4D	1503-274	Aroclor 1254 Aroclor 1260	0.23 J 0.20 J	field duplicate RPDs
KM15-B08-6D		none	none	none
KM15-B08-46D				
KM15-B08-47D				
KM15-B08-48D				
KM15-B08-53D				
KM15-B08-54D				
KM15-B08-60D				
KM15-B08-77D				
KM15-B08-91D				
KM15-B08-Dup 1		Aroclor 1254 Aroclor 1260	0.11 J 0.094 J	field duplicate RPDs
KM15-B08-38D	1503-283	none	none	none

Abbreviations:
J = result is estimated
RPD = relative percent difference
SDG = Sample Delivery Group

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 3, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project SE14161100
Laboratory Reference No. 1502-249

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Dup-1**					
Laboratory ID:	02-249-01					
Aroclor 1016	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1221	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1232	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1242	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1248	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1254	**ND**	0.55	EPA 8082A	2-27-15	3-3-15	
Aroclor 1260	**3.3**	0.55	EPA 8082A	2-27-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	---	*55-140*				S
Client ID:	**KM-15-B08-Comp-1**					
Laboratory ID:	02-249-149					
Aroclor 1016	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**1.2**	0.056	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				
Client ID:	**KM-15-B08-Comp-2**					
Laboratory ID:	02-249-150					
Aroclor 1016	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.84**	0.052	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-3**					
Laboratory ID:	02-249-151					
Aroclor 1016	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.35**	0.055	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*55-140*				
Client ID:	**KM-15-B08-Comp-4**					
Laboratory ID:	02-249-152					
Aroclor 1016	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.68**	0.063	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*69*	*55-140*				
Client ID:	**KM-15-B08-Comp-5**					
Laboratory ID:	02-249-153					
Aroclor 1016	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.068	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**0.18**	0.068	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-6**					
Laboratory ID:	02-249-154					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.19**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM-15-B08-Comp-7**					
Laboratory ID:	02-249-155					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.5**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*55-140*				
Client ID:	**KM-15-B08-Comp-8**					
Laboratory ID:	02-249-156					
Aroclor 1016	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	0.57	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**3.7**	0.57	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-9**					
Laboratory ID:	02-249-157					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.60**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*55-140*				
Client ID:	**KM-15-B08-Comp-10**					
Laboratory ID:	02-249-158					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.23**	0.066	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*55-140*				
Client ID:	**KM-15-B08-Comp-11**					
Laboratory ID:	02-249-159					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.46**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-12**					
Laboratory ID:	02-249-160					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.066	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.24**	0.066	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*70*	*55-140*				
Client ID:	**KM-15-B08-Comp-13**					
Laboratory ID:	02-249-161					
Aroclor 1016	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	1.2	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**14**	1.2	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S
Client ID:	**KM-15-B08-Comp-14**					
Laboratory ID:	02-249-162					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**ND**	0.052	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-15**					
Laboratory ID:	02-249-163					
Aroclor 1016	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1221	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1232	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1242	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1248	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1254	**ND**	0.54	EPA 8082A	3-2-15	3-3-15	
Aroclor 1260	**3.2**	0.54	EPA 8082A	3-2-15	3-3-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S
Client ID:	**KM-15-B08-Comp-16**					
Laboratory ID:	02-249-164					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.39**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-Comp-17**					
Laboratory ID:	02-249-165					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.3**	0.057	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-18**					
Laboratory ID:	02-249-166					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.7**	0.062	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				
Client ID:	**KM-15-B08-Comp-19**					
Laboratory ID:	02-249-167					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**1.3**	0.060	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM-15-B08-Comp-20**					
Laboratory ID:	02-249-168					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.96**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-21**					
Laboratory ID:	02-249-169					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.38**	0.060	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*55-140*				
Client ID:	**KM-15-B08-Comp-22**					
Laboratory ID:	02-249-170					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.78**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-Comp-23**					
Laboratory ID:	02-249-171					
Aroclor 1016	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.14**	0.056	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-Comp-24**					
Laboratory ID:	02-249-172					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**0.24**	0.055	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0227S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	2-27-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Laboratory ID:	MB0302S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-2-15	3-2-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-249-150										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**1.23**	**1.30**	0.500	0.500	0.802	**86**	**99**	46-136	6	17	
Surrogate:											
DCB						*85*	*81*	*55-140*			
SPIKE BLANKS											
Laboratory ID:	SB0302S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.491**	**0.527**	0.500	0.500	N/A	**98**	**105**	64-127	7	11	
Surrogate:											
DCB						*102*	*111*	*55-140*			

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Date of Report: March 3, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249
Project: SE14161100

% MOISTURE

Date Analyzed: 2-27&3-2-15

Client ID	Lab ID	% Moisture
KM15-B08-Dup-1	02-249-01	9
KM-15-B08-Comp-1	02-249-149	11
KM-15-B08-Comp-2	02-249-150	4
KM-15-B08-Comp-3	02-249-151	9
KM-15-B08-Comp-4	02-249-152	20
KM-15-B08-Comp-5	02-249-153	26
KM-15-B08-Comp-6	02-249-154	20
KM-15-B08-Comp-7	02-249-155	19
KM-15-B08-Comp-8	02-249-156	12
KM-15-B08-Comp-9	02-249-157	19
KM-15-B08-Comp-10	02-249-158	25
KM-15-B08-Comp-11	02-249-159	19
KM-15-B08-Comp-12	02-249-160	25
KM-15-B08-Comp-13	02-249-161	17
KM-15-B08-Comp-14	02-249-162	4
KM-15-B08-Comp-15	02-249-163	8
KM-15-B08-Comp-16	02-249-164	19
KM-15-B08-Comp-17	02-249-165	13
KM-15-B08-Comp-18	02-249-166	20
KM-15-B08-Comp-19	02-249-167	16
KM-15-B08-Comp-20	02-249-168	10
KM-15-B08-Comp-21	02-249-169	17
KM-15-B08-Comp-22	02-249-170	9
KM-15-B08-Comp-23	02-249-171	11
KM-15-B08-Comp-24	02-249-172	10

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Moisture	Sample Specific Notes:
1	KM15-B08-Dup-1	2/26/2015	1500	Comp	Soil	1				X	X	
2	KM15-B08-1	2/26/2015	1507	grab	Soil	1			X			
3	KM-15-B08-2	2/26/2015	1508	grab	Soil	1			X			
4	KM-15-B08-3	2/26/2015	1509	grab	Soil	1			X			
5	KM-15-B08-4	2/26/2015	1510	grab	Soil	1			X			
6	KM-15-B08-5	2/26/2015	1511	grab	Soil	1			X			
7	KM-15-B08-6	2/26/2015	1512	grab	Soil	1			X			
8	KM-15-B08-7	2/26/2015	1513	grab	Soil	1			X			
9	KM-15-B08-8	2/26/2015	1514	grab	Soil	1			X			
10	KM-15-B08-9	2/26/2015	1515	grab	Soil	1			X			
11	KM-15-B08-10	2/26/2015	1516	grab	Soil	1			X			
12	KM-15-B08-11	2/26/2015	1517	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	amec	2/26/15	Received by:		
Relinquished by: Reid	EPCDT	2/27/15	Received by:		
Relinquished by:	EPCDT	2/27/15 1040	Received in Laboratory by:	ONE	2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
13	KM-15-B08-12	2/26/2015	1518	~~Comp~~ grab	Soil	1			X		
14	KM-15-B08-13	2/26/2015	1519	grab	Soil	1			X		
15	KM-15-B08-14	2/26/2015	1520	grab	Soil	1			X		
16	KM-15-B08-15	2/26/2015	1521	grab	Soil	1			X		
17	KM-15-B08-16	2/26/2015	1522	grab	Soil	1			X		
18	KM-15-B08-17	2/26/2015	1523	grab	Soil	1			X		
19	KM-15-B08-18	2/26/2015	1524	grab	Soil	1			X		
20	KM-15-B08-19	2/26/2015	1525	grab	Soil	1			X		
21	KM-15-B08-20	2/26/2015	1526	grab	Soil	1			X		
22	KM-15-B08-21	2/26/2015	1527	grab	Soil	1			X		
23	KM-15-B08-22	2/26/2015	1528	grab	Soil	1			X		
24	KM-15-B08-23	2/26/2015	1529	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Rec'd	Company: Spectrum	Date/Time: 2/27/15 0930	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectrum	Date/Time: 2-27-15 1030	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
25	KM-15-B08-24	2/26/2015	1530	~~grab~~ Comp	Soil	1			X		
26	KM-15-B08-25	2/26/2015	1531	grab	Soil	1			X		
27	KM-15-B08-26	2/26/2015	1532	grab	Soil	1			X		
28	KM-15-B08-27	2/26/2015	1533	grab	Soil	1			X		
29	KM-15-B08-28	2/26/2015	1534	grab	Soil	1			X		
30	KM-15-B08-29	2/26/2015	1535	grab	Soil	1			X		
31	KM-15-B08-30	2/26/2015	1536	grab	Soil	1			X		
32	KM-15-B08-31	2/26/2015	1537	grab	Soil	1			X		
33	KM-15-B08-32	2/26/2015	1538	grab	Soil	1			X		
34	KM-15-B08-33	2/26/2015	1539	grab	Soil	1			X		
35	KM-15-B08-34	2/26/2015	1540	grab	Soil	1			X		
36	KM-15-B08-35	2/26/2015	1541	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15 1040	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249 **Onsite Labs, Redmond, WA**

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
37	KM-15-B08-36	2/26/2015	1542	~~Comp~~ grab	Soil	1			X		
38	KM-15-B08-37	2/26/2015	1543	grab	Soil	1			X		
39	KM-15-B08-38	2/26/2015	1544	grab	Soil	1			X		
40	KM-15-B08-39	2/26/2015	1545	grab	Soil	1			X		
41	KM-15-B08-40	2/26/2015	1546	grab	Soil	1			X		
42	KM-15-B08-41	2/26/2015	1547	grab	Soil	1			X		
43	KM-15-B08-42	2/26/2015	1548	grab	Soil	1			X		
44	KM-15-B08-43	2/26/2015	1549	grab	Soil	1			X		
45	KM-15-B08-44	2/26/2015	1550	grab	Soil	1			X		
46	KM-15-B08-45	2/26/2015	1551	grab	Soil	1			X		
47	KM-15-B08-46	2/26/2015	1552	grab	Soil	1			X		
48	KM-15-B08-47	2/26/2015	1553	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
~~Relinquished~~ Rec'd by:	Company: SPEDT	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEDT	Date/Time: 2/27/15 1030	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 15
600 University St., Suite 600	**Analysis Turnaround Time**			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
61 KM-15-B08-48	2/26/2015	1554	grab	Soil	1			X		
62 KM-15-B08-49	2/26/2015	1555	grab	Soil	1			X		
63 KM-15-B08-50	2/26/2015	1556	grab	Soil	1			X		
64 KM-15-B08-51	2/26/2015	1557	grab	Soil	1			X		
65 KM-15-B08-52	2/26/2015	1558	grab	Soil	1			X		
66 KM-15-B08-53	2/26/2015	1559	grab	Soil	1			X		
67 KM-15-B08-54	2/26/2015	1600	grab	Soil	1			X		
68 KM-15-B08-55	2/26/2015	1601	grab	Soil	1			X		
69 KM-15-B08-56	2/26/2015	1602	grab	Soil	1			X		
70 KM-15-B08-57	2/26/2015	1603	grab	Soil	1			X		
71 KM-15-B08-58	2/26/2015	1604	grab	Soil	1			X		
72 KM-15-B08-59	2/26/2015	1605	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____	
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: Amec	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 1037 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 7 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
73 KM-15-B08-60	2/26/2015	1606	grab	Soil	1			X		
74 KM-15-B08-61	2/26/2015	1607	grab	Soil	1			X		
75 KM-15-B08-62	2/26/2015	1608	grab	Soil	1			X		
76 KM-15-B08-63	2/26/2015	1609	grab	Soil	1			X		
77 KM-15-B08-64	2/26/2015	1610	grab	Soil	1			X		
78 KM-15-B08-65	2/26/2015	1611	grab	Soil	1			X		
79 KM-15-B08-66	2/26/2015	1612	grab	Soil	1			X		
80 KM-15-B08-67	2/26/2015	1613	grab	Soil	1			X		
81 KM-15-B08-68	2/26/2015	1614	grab	Soil	1			X		
82 KM-15-B08-69	2/26/2015	1615	grab	Soil	1			X		
83 KM-15-B08-70	2/26/2015	1616	grab	Soil	1			X		
84 KM-15-B08-71	2/26/2015	1617	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
85	KM-15-B08-72	2/26/2015	1618	grab	Soil	1			X		
86	KM-15-B08-73	2/26/2015	1619	grab	Soil	1			X		
87	KM-15-B08-74	2/26/2015	1620	grab	Soil	1			X		
88	KM-15-B08-75	2/26/2015	1621	grab	Soil	1			X		
89	KM-15-B08-76	2/26/2015	1622	grab	Soil	1			X		
90	KM-15-B08-77	2/26/2015	1623	grab	Soil	1			X		
91	KM-15-B08-78	2/26/2015	1624	grab	Soil	1			X		
92	KM-15-B08-79	2/26/2015	1625	grab	Soil	1			X		
93	KM-15-B08-80	2/26/2015	1626	grab	Soil	1			X		
94	KM-15-B08-81	2/26/2015	1627	grab	Soil	1			X		
95	KM-15-B08-82	2/26/2015	1628	grab	Soil	1			X		
96	KM-15-B08-83	2/26/2015	1629	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spoon	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spoon	Date/Time: 2/27/15	Received in Laboratory by:	Company: CORE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 9 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
97 KM-15-B08-84	2/26/2015	1630	grab	Soil	1			X		
98 KM-15-B08-85	2/26/2015	1631	grab	Soil	1			X		
99 KM-15-B08-86	2/26/2015	1632	grab	Soil	1			X		
100 KM-15-B08-87	2/26/2015	1633	grab	Soil	1			X		
101 KM-15-B08-88	2/26/2015	1634	grab	Soil	1			X		
102 KM-15-B08-89	2/26/2015	1635	grab	Soil	1			X		
103 KM-15-B08-90	2/26/2015	1636	grab	Soil	1			X		
104 KM-15-B08-91	2/26/2015	1637	grab	Soil	1			X		
105 KM-15-B08-92	2/26/2015	1638	grab	Soil	1			X		
106 KM-15-B08-93	2/26/2015	1639	grab	Soil	1			X		
107 KM-15-B08-94	2/26/2015	1640	grab	Soil	1			X		
108 KM-15-B08-95	2/26/2015	1641	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 15
600 University St., Suite 600	**Analysis Turnaround Time**			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			**For Lab Use Only:**
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
109 KM-15-B08-96	2/26/2015	1642	grab	Soil	1			X		
110 KM-15-B08-97	2/26/2015	1643	grab	Soil	1			X		
111 KM-15-B08-98	2/26/2015	1644	grab	Soil	1			X		
112 KM-15-B08-99	2/26/2015	1645	grab	Soil	1			X		
113 KM-15-B08-100	2/26/2015	1646	grab	Soil	1			X		
114 KM-15-B08-101	2/26/2015	1647	grab	Soil	1			X		
115 KM-15-B08-102	2/26/2015	1648	grab	Soil	1			X		
116 KM-15-B08-103	2/26/2015	1649	grab	Soil	1			X		
117 KM-15-B08-104	2/26/2015	1650	grab	Soil	1			X		
118 KM-15-B08-105	2/26/2015	1651	grab	Soil	1			X		
119 KM-15-B08-106	2/26/2015	1652	grab	Soil	1			X		
120 KM-15-B08-107	2/26/2015	1653	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Sprague	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Sprague	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
121 KM-15-B08-108	2/26/2015	1654	grab	Soil	1			X		
122 KM-15-B08-109	2/26/2015	1655	grab	Soil	1			X		
123 KM-15-B08-110	2/26/2015	1656	grab	Soil	1			X		
124 KM-15-B08-111	2/26/2015	1657	grab	Soil	1			X		
125 KM-15-B08-112	2/26/2015	1658	grab	Soil	1			X		
126 KM-15-B08-113	2/26/2015	1659	grab	Soil	1			X		
127 KM-15-B08-114	2/26/2015	1700	grab	Soil	1			X		
128 KM-15-B08-115	2/26/2015	1701	grab	Soil	1			X		
129 KM-15-B08-116	2/26/2015	1702	grab	Soil	1			X		
130 KM-15-B08-117	2/26/2015	1703	grab	Soil	1			X		
131 KM-15-B08-118	2/26/2015	1704	grab	Soil	1			X		
132 KM-15-B08-119	2/26/2015	1705	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: SPEDI	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPEDI	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
133 KM-15-B08-120	2/26/2015	1706	grab	Soil	1			X		
134 KM-15-B08-121	2/26/2015	1707	grab	Soil	1			X		
135 KM-15-B08-122	2/26/2015	1708	grab	Soil	1			X		
136 KM-15-B08-123	2/26/2015	1709	grab	Soil	1			X		
137 KM-15-B08-124	2/26/2015	1710	grab	Soil	1			X		
138 KM-15-B08-125	2/26/2015	1711	grab	Soil	1			X		
139 KM-15-B08-126	2/26/2015	1712	grab	Soil	1			X		
140 KM-15-B08-127	2/26/2015	1713	grab	Soil	1			X		
141 KM-15-B08-128	2/26/2015	1714	grab	Soil	1			X		
142 KM-15-B08-129	2/26/2015	1715	grab	Soil	1			X		
143 KM-15-B08-130	2/26/2015	1716	grab	Soil	1			X		
144 KM-15-B08-131	2/26/2015	1717	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: SPECO	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECO	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 13 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Soil Moisture	Sample Specific Notes:
145 KM-15-B08-132	2/26/2015	1718	grab	Soil	1			X			
146 KM-15-B08-133	2/26/2015	1719	grab	Soil	1			X			
147 KM-15-B08-134	2/26/2015	1720	grab	Soil	1			X			
148 KM-15-B08-135	2/26/2015	1721	grab	Soil	1			X			
149 KM-15-B08-Comp-1	2/26/2015	1722	grab	Soil	1				X	X	
150 KM-15-B08-Comp-2	2/26/2015	1723	grab	Soil	1				X		
151 KM-15-B08-Comp-3	2/26/2015	1724	grab	Soil	1				X		
152 KM-15-B08-Comp-4	2/26/2015	1725	grab	Soil	1				X		
153 KM-15-B08-Comp-5	2/26/2015	1726	grab	Soil	1				X		
154 KM-15-B08-Comp-6	2/26/2015	1727	grab	Soil	1				X		
155 KM-15-B08-Comp-7	2/26/2015	1728	grab	Soil	1				X		
156 KM-15-B08-Comp-8	2/26/2015	1729	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: GP-Courier	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GP-Courier	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 14 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% moisture	Sample Specific Notes:
157	KM-15-B08-Comp-9	2/26/2015	1730	grab	Soil	1				X		
158	KM-15-B08-Comp-10	2/26/2015	1731	grab	Soil	1				X		
159	KM-15-B08-Comp-11	2/26/2015	1732	grab	Soil	1				X		
160	KM-15-B08-Comp-12	2/26/2015	1733	grab	Soil	1				X		
161	KM-15-B08-Comp-13	2/26/2015	1734	grab	Soil	1				X		
162	KM-15-B08-Comp-14	2/26/2015	1735	grab	Soil	1				X		
163	KM-15-B08-Comp-15	2/26/2015	1736	grab	Soil	1				X		
164	KM-15-B08-Comp-16	2/26/2015	1737	grab	Soil	1				X		
165	KM-15-B08-Comp-17	2/26/2015	1738	grab	Soil	1				X		
166	KM-15-B08-Comp-18	2/26/2015	1739	grab	Soil	1				X		
167	KM-15-B08-Comp-19	2/26/2015	1740	grab	Soil	1				X		
168	KM-15-B08-Comp-20	2/26/2015	1741	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2015

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTY	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTY	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 15 of 15
600 University St., Suite 600	**Analysis Turnaround Time**			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			**For Lab Use Only:**
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% moisture	Sample Specific Notes:
169 KM-15-B08-Comp-21	2/26/2015	1742	grab	Soil	1				X		
170 KM-15-B08-Comp-22	2/26/2015	1743	grab	Soil	1				X		
171 KM-15-B08-Comp-23	2/26/2015	1744	grab	Soil	1				X		
172 KM-15-B08-Comp-24	2/26/2015	1745	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reed	Company: GP	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GP	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSC	Date/Time: 2/27/15 1040

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project SE14161100
Laboratory Reference No. 1502-249B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-91**					
Laboratory ID:	02-249-104					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.3**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-115-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.442**	0.500	0.500	ND	**89**	**88**	46-136	0	17	
Surrogate:											
DCB						*89*	*89*	*55-140*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-249B
Project: SE14161100

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM-15-B08-91	02-249-104	19

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% Moisture	Sample Specific Notes:
1	KM15-B08-Dup-1	2/26/2015	1500	Comp	Soil	1				X	X	
2	KM15-B08-1	2/26/2015	1507	grab	Soil	1			X			
3	KM-15-B08-2	2/26/2015	1508	grab	Soil	1			X			
4	KM-15-B08-3	2/26/2015	1509	grab	Soil	1			X			
5	KM-15-B08-4	2/26/2015	1510	grab	Soil	1			X			
6	KM-15-B08-5	2/26/2015	1511	grab	Soil	1			X			
7	KM-15-B08-6	2/26/2015	1512	grab	Soil	1			X			(X) Added 3/16/15 DB (2 day TAT)
8	KM-15-B08-7	2/26/2015	1513	grab	Soil	1			X			
9	KM-15-B08-8	2/26/2015	1514	grab	Soil	1			X			
10	KM-15-B08-9	2/26/2015	1515	grab	Soil	1			X			
11	KM-15-B08-10	2/26/2015	1516	grab	Soil	1			X			
12	KM-15-B08-11	2/26/2015	1517	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1		amec	2/26/15			
2	~~Relinquished~~ Reid	EPEDY	2/27/15			
3		EPEDY	2/27/15 1040	Received in Laboratory by:	ONE	2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 15
600 University St., Suite 600	**Analysis Turnaround Time**			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			**For Lab Use Only:**
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
13	KM-15-B08-12	2/26/2015	1518	~~grab~~ Comp	Soil	1			X		
14	KM-15-B08-13	2/26/2015	1519	grab	Soil	1			X		
15	KM-15-B08-14	2/26/2015	1520	grab	Soil	1			X		
16	KM-15-B08-15	2/26/2015	1521	grab	Soil	1			X		
17	KM-15-B08-16	2/26/2015	1522	grab	Soil	1			X		
18	KM-15-B08-17	2/26/2015	1523	grab	Soil	1			X		
19	KM-15-B08-18	2/26/2015	1524	grab	Soil	1			X		
20	KM-15-B08-19	2/26/2015	1525	grab	Soil	1			X		
21	KM-15-B08-20	2/26/2015	1526	grab	Soil	1			X		
22	KM-15-B08-21	2/26/2015	1527	grab	Soil	1			X		
23	KM-15-B08-22	2/26/2015	1528	grab	Soil	1			X		
24	KM-15-B08-23	2/26/2015	1529	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Rec'd:	Company: Spectrum	Date/Time: 2/27/15 0830	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectrum	Date/Time: 0930 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
25	KM-15-B08-24	2/26/2015	1530	~~grab~~ Comp	Soil	1			X		
26	KM-15-B08-25	2/26/2015	1531	grab	Soil	1			X		
27	KM-15-B08-26	2/26/2015	1532	grab	Soil	1			X		
28	KM-15-B08-27	2/26/2015	1533	grab	Soil	1			X		
29	KM-15-B08-28	2/26/2015	1534	grab	Soil	1			X		
30	KM-15-B08-29	2/26/2015	1535	grab	Soil	1			X		
31	KM-15-B08-30	2/26/2015	1536	grab	Soil	1			X		
32	KM-15-B08-31	2/26/2015	1537	grab	Soil	1			X		
33	KM-15-B08-32	2/26/2015	1538	grab	Soil	1			X		
34	KM-15-B08-33	2/26/2015	1539	grab	Soil	1			X		
35	KM-15-B08-34	2/26/2015	1540	grab	Soil	1			X		
36	KM-15-B08-35	2/26/2015	1541	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPCD	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPCD	Date/Time: 2/27/15 1040	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
37	KM-15-B08-36	2/26/2015	1542	~~Comp~~ grab	Soil	1			X		
38	KM-15-B08-37	2/26/2015	1543	grab	Soil	1			X		
39	KM-15-B08-38	2/26/2015	1544	grab	Soil	1			X		
40	KM-15-B08-39	2/26/2015	1545	grab	Soil	1			X		
41	KM-15-B08-40	2/26/2015	1546	grab	Soil	1			X		
42	KM-15-B08-41	2/26/2015	1547	grab	Soil	1			X		
43	KM-15-B08-42	2/26/2015	1548	grab	Soil	1			X		
44	KM-15-B08-43	2/26/2015	1549	grab	Soil	1			X		
45	KM-15-B08-44	2/26/2015	1550	grab	Soil	1			X		
46	KM-15-B08-45	2/26/2015	1551	grab	Soil	1			X		
47	KM-15-B08-46	2/26/2015	1552	grab	Soil	1			X		
48	KM-15-B08-47	2/26/2015	1553	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
~~Relinquished~~ Received by:	Company: Speedy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15 1030	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
61	KM-15-B08-48	2/26/2015	1554	grab	Soil	1			X		
62	KM-15-B08-49	2/26/2015	1555	grab	Soil	1			X		
63	KM-15-B08-50	2/26/2015	1556	grab	Soil	1			X		
64	KM-15-B08-51	2/26/2015	1557	grab	Soil	1			X		
65	KM-15-B08-52	2/26/2015	1558	grab	Soil	1			X		
66	KM-15-B08-53	2/26/2015	1559	grab	Soil	1			X		
67	KM-15-B08-54	2/26/2015	1600	grab	Soil	1			X		
68	KM-15-B08-55	2/26/2015	1601	grab	Soil	1			X		
69	KM-15-B08-56	2/26/2015	1602	grab	Soil	1			X		
70	KM-15-B08-57	2/26/2015	1603	grab	Soil	1			X		
71	KM-15-B08-58	2/26/2015	1604	grab	Soil	1			X		
72	KM-15-B08-59	2/26/2015	1605	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: GPCD-1	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECD4	Date/Time: 1037 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 7 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
73	KM-15-B08-60	2/26/2015	1606	grab	Soil	1			X		
74	KM-15-B08-61	2/26/2015	1607	grab	Soil	1			X		
75	KM-15-B08-62	2/26/2015	1608	grab	Soil	1			X		
76	KM-15-B08-63	2/26/2015	1609	grab	Soil	1			X		
77	KM-15-B08-64	2/26/2015	1610	grab	Soil	1			X		
78	KM-15-B08-65	2/26/2015	1611	grab	Soil	1			X		
79	KM-15-B08-66	2/26/2015	1612	grab	Soil	1			X		
80	KM-15-B08-67	2/26/2015	1613	grab	Soil	1			X		
81	KM-15-B08-68	2/26/2015	1614	grab	Soil	1			X		
82	KM-15-B08-69	2/26/2015	1615	grab	Soil	1			X		
83	KM-15-B08-70	2/26/2015	1616	grab	Soil	1			X		
84	KM-15-B08-71	2/26/2015	1617	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2/15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: FedEx	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Speedy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
85	KM-15-B08-72	2/26/2015	1618	grab	Soil	1			X		
86	KM-15-B08-73	2/26/2015	1619	grab	Soil	1			X		
87	KM-15-B08-74	2/26/2015	1620	grab	Soil	1			X		
88	KM-15-B08-75	2/26/2015	1621	grab	Soil	1			X		
89	KM-15-B08-76	2/26/2015	1622	grab	Soil	1			X		
90	KM-15-B08-77	2/26/2015	1623	grab	Soil	1			X		
91	KM-15-B08-78	2/26/2015	1624	grab	Soil	1			X		
92	KM-15-B08-79	2/26/2015	1625	grab	Soil	1			X		
93	KM-15-B08-80	2/26/2015	1626	grab	Soil	1			X		
94	KM-15-B08-81	2/26/2015	1627	grab	Soil	1			X		
95	KM-15-B08-82	2/26/2015	1628	grab	Soil	1			X		
96	KM-15-B08-83	2/26/2015	1629	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPrague	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPrague	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% Moisture	Sample Specific Notes:
97 KM-15-B08-84	2/26/2015	1630	grab	Soil	1			X			
98 KM-15-B08-85	2/26/2015	1631	grab	Soil	1			X			
99 KM-15-B08-86	2/26/2015	1632	grab	Soil	1			X			
100 KM-15-B08-87	2/26/2015	1633	grab	Soil	1			X			
101 KM-15-B08-88	2/26/2015	1634	grab	Soil	1			X			
102 KM-15-B08-89	2/26/2015	1635	grab	Soil	1			X			
103 KM-15-B08-90	2/26/2015	1636	grab	Soil	1			X			
104 KM-15-B08-91	2/26/2015	1637	grab	Soil	1			X	X	X	
105 KM-15-B08-92	2/26/2015	1638	grab	Soil	1			X			
106 KM-15-B08-93	2/26/2015	1639	grab	Soil	1			X			
107 KM-15-B08-94	2/26/2015	1640	grab	Soil	1			X			
108 KM-15-B08-95	2/26/2015	1641	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONSITE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Sample Specific Notes:
109	KM-15-B08-96	2/26/2015	1642	grab	Soil	1			X		
110	KM-15-B08-97	2/26/2015	1643	grab	Soil	1			X		
111	KM-15-B08-98	2/26/2015	1644	grab	Soil	1			X		
112	KM-15-B08-99	2/26/2015	1645	grab	Soil	1			X		
113	KM-15-B08-100	2/26/2015	1646	grab	Soil	1			X		
114	KM-15-B08-101	2/26/2015	1647	grab	Soil	1			X		
115	KM-15-B08-102	2/26/2015	1648	grab	Soil	1			X		
116	KM-15-B08-103	2/26/2015	1649	grab	Soil	1			X		
117	KM-15-B08-104	2/26/2015	1650	grab	Soil	1			X		
118	KM-15-B08-105	2/26/2015	1651	grab	Soil	1			X		
119	KM-15-B08-106	2/26/2015	1652	grab	Soil	1			X		
120	KM-15-B08-107	2/26/2015	1653	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectra	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Spectra	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 02-249

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
121	KM-15-B08-108	2/26/2015	1654	grab	Soil	1			X		
122	KM-15-B08-109	2/26/2015	1655	grab	Soil	1			X		
123	KM-15-B08-110	2/26/2015	1656	grab	Soil	1			X		
124	KM-15-B08-111	2/26/2015	1657	grab	Soil	1			X		
125	KM-15-B08-112	2/26/2015	1658	grab	Soil	1			X		
126	KM-15-B08-113	2/26/2015	1659	grab	Soil	1			X		
127	KM-15-B08-114	2/26/2015	1700	grab	Soil	1			X		
128	KM-15-B08-115	2/26/2015	1701	grab	Soil	1			X		
129	KM-15-B08-116	2/26/2015	1702	grab	Soil	1			X		
130	KM-15-B08-117	2/26/2015	1703	grab	Soil	1			X		
131	KM-15-B08-118	2/26/2015	1704	grab	Soil	1			X		
132	KM-15-B08-119	2/26/2015	1705	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: SPECTRA	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: SPECTRA	Date/Time: 2/27/15	Received in Laboratory by:	Company: ONE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
133 KM-15-B08-120	2/26/2015	1706	grab	Soil	1			X		
134 KM-15-B08-121	2/26/2015	1707	grab	Soil	1			X		
135 KM-15-B08-122	2/26/2015	1708	grab	Soil	1			X		
136 KM-15-B08-123	2/26/2015	1709	grab	Soil	1			X		
137 KM-15-B08-124	2/26/2015	1710	grab	Soil	1			X		
138 KM-15-B08-125	2/26/2015	1711	grab	Soil	1			X		
139 KM-15-B08-126	2/26/2015	1712	grab	Soil	1			X		
140 KM-15-B08-127	2/26/2015	1713	grab	Soil	1			X		
141 KM-15-B08-128	2/26/2015	1714	grab	Soil	1			X		
142 KM-15-B08-129	2/26/2015	1715	grab	Soil	1			X		
143 KM-15-B08-130	2/26/2015	1716	grab	Soil	1			X		
144 KM-15-B08-131	2/26/2015	1717	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2.15

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____		
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPerdy	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: GPerdy	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSC	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 13 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
145	KM-15-B08-132	2/26/2015	1718	grab	Soil	1			X		
146	KM-15-B08-133	2/26/2015	1719	grab	Soil	1			X		
147	KM-15-B08-134	2/26/2015	1720	grab	Soil	1			X		
148	KM-15-B08-135	2/26/2015	1721	grab	Soil	1			X		
149	KM-15-B08-Comp-1	2/26/2015	1722	grab	Soil	1				X	
150	KM-15-B08-Comp-2	2/26/2015	1723	grab	Soil	1				X	
151	KM-15-B08-Comp-3	2/26/2015	1724	grab	Soil	1				X	
152	KM-15-B08-Comp-4	2/26/2015	1725	grab	Soil	1				X	
153	KM-15-B08-Comp-5	2/26/2015	1726	grab	Soil	1				X	
154	KM-15-B08-Comp-6	2/26/2015	1727	grab	Soil	1				X	
155	KM-15-B08-Comp-7	2/26/2015	1728	grab	Soil	1				X	
156	KM-15-B08-Comp-8	2/26/2015	1729	grab	Soil	1				X	

Soil Vapor

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

215

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by: Reid	Company: Shannon	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company: Shannon	Date/Time: 2/27/15	Received in Laboratory by:	Company: OSE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 14 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	96 Moisture	Sample Specific Notes:
157	KM-15-B08-Comp-9	2/26/2015	1730	grab	Soil	1				X		
158	KM-15-B08-Comp-10	2/26/2015	1731	grab	Soil	1				X		
159	KM-15-B08-Comp-11	2/26/2015	1732	grab	Soil	1				X		
160	KM-15-B08-Comp-12	2/26/2015	1733	grab	Soil	1				X		
161	KM-15-B08-Comp-13	2/26/2015	1734	grab	Soil	1				X		
162	KM-15-B08-Comp-14	2/26/2015	1735	grab	Soil	1				X		
163	KM-15-B08-Comp-15	2/26/2015	1736	grab	Soil	1				X		
164	KM-15-B08-Comp-16	2/26/2015	1737	grab	Soil	1				X		
165	KM-15-B08-Comp-17	2/26/2015	1738	grab	Soil	1				X		
166	KM-15-B08-Comp-18	2/26/2015	1739	grab	Soil	1				X		
167	KM-15-B08-Comp-19	2/26/2015	1740	grab	Soil	1				X		
168	KM-15-B08-Comp-20	2/26/2015	1741	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

2115

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Amec	2/26/15			
Relinquished by:	SPECTRA	2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	SPECTRA	2/27/15	Received in Laboratory by:	Company: ONSITE	Date/Time: 2/27/15 1040

Chain of Custody Record

Onsite Environmental

02-249

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	Date: 2/26/15	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 15 of 15
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: New Core Dev. - Bldg 8 Sub Slab samples	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8 moisture	Sample Specific Notes:
169 KM-15-B08-Comp-21	2/26/2015	1742	grab	Soil	1				X		
170 KM-15-B08-Comp-22	2/26/2015	1743	grab	Soil	1				X		
171 KM-15-B08-Comp-23	2/26/2015	1744	grab	Soil	1				X		
172 KM-15-B08-Comp-24	2/26/2015	1745	grab	Soil	1				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company:	Date/Time: 2/26/15	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time: 2/27/15	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time: 2/27/15	Received in Laboratory by:	Company:	Date/Time: 2/27/15 1040

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 12, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project NCD-B8 Sub Slab samples, round 2; 16110
Laboratory Reference No. 1503-068

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 9, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

Case Narrative

Samples were collected on March 5, 6, and 9, 2015 and received by the laboratory on March 9, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp30**					
Laboratory ID:	03-068-47					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.79**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp31**					
Laboratory ID:	03-068-48					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.058	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.92**	0.058	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM-15-B08-comp32**					
Laboratory ID:	03-068-49					
Aroclor 1016	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.073	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**1.8**	0.073	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp33**					
Laboratory ID:	03-068-50					
Aroclor 1016	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.051	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.17**	0.051	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*55-140*				
Client ID:	**KM-15-B08-comp34**					
Laboratory ID:	03-068-51					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.60**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*55-140*				
Client ID:	**KM-15-B08-comp35**					
Laboratory ID:	03-068-52					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.16**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

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Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp36**					
Laboratory ID:	03-068-53					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.066	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.54**	0.066	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*55-140*				
Client ID:	**KM-15-B08-comp37**					
Laboratory ID:	03-068-54					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.10**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM-15-B08-comp41**					
Laboratory ID:	03-068-68					
Aroclor 1016	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	1.2	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**8.1**	1.2	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-140*				S

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Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp40**					
Laboratory ID:	03-068-69					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.061	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**1.8**	0.061	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM-15-B08-comp39**					
Laboratory ID:	03-068-70					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**1.7**	0.062	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM-15-B08-comp38**					
Laboratory ID:	03-068-71					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.14**	0.064	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				

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Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp42**					
Laboratory ID:	03-068-95					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.73**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Client ID:	**KM-15-B08-comp43**					
Laboratory ID:	03-068-96					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.061	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.38**	0.061	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				
Client ID:	**KM-15-B08-comp44**					
Laboratory ID:	03-068-97					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.57**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

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Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp45**					
Laboratory ID:	03-068-98					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.12**	0.052	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				
Client ID:	**KM-15-B08-comp46**					
Laboratory ID:	03-068-99					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.17**	0.053	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*55-140*				
Client ID:	**KM-15-B08-comp47**					
Laboratory ID:	03-068-121					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				

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Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp48**					
Laboratory ID:	03-068-122					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.065**	0.065	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				
Client ID:	**KM-15-B08-comp49**					
Laboratory ID:	03-068-123					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**0.077**	0.067	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				
Client ID:	**KM-15-B08-comp50**					
Laboratory ID:	03-068-124					
Aroclor 1016	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1221	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1232	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1242	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1248	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1254	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Aroclor 1260	**ND**	0.072	EPA 8082A	3-10-15	1-0-00	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				

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Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp51**					
Laboratory ID:	03-068-125					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**0.34**	0.055	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Client ID:	**KM-15-B08-comp52**					
Laboratory ID:	03-068-126					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.14**	0.053	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp53**					
Laboratory ID:	03-068-127					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.10**	0.053	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				

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Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp26**					
Laboratory ID:	03-068-128					
Aroclor 1016	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.073	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM-15-B08-comp25**					
Laboratory ID:	03-068-130					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.067	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM-15-B08-comp27**					
Laboratory ID:	03-068-132					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.065	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.33**	0.065	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-comp28**					
Laboratory ID:	03-068-133					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**0.11**	0.062	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				
Client ID:	**KM-15-B08-comp29**					
Laboratory ID:	03-068-134					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-10-15	3-11-15	
Aroclor 1260	**1.3**	0.064	EPA 8082A	3-10-15	3-11-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0310S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Laboratory ID:	MB0310S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*55-140*				
Laboratory ID:	MB0310S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-11-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*55-140*				
Laboratory ID:	MB0310S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-10-15	3-10-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0310S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.412**	**0.389**	0.500	0.500	N/A	**82**	**78**	64-127	6	11	
Surrogate:											
DCB						*103*	*102*	*55-140*			
Laboratory ID:	SB0310S2										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.477**	**0.470**	0.500	0.500	N/A	**95**	**94**	64-127	1	11	
Surrogate:											
DCB						*96*	*94*	*55-140*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 12, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068
Project: NCD-B8 Sub Slab samples, round 2; 16110

% MOISTURE

Date Analyzed: 3-10-15

Client ID	Lab ID	% Moisture
KM-15-B08-comp30	03-068-47	5
KM-15-B08-comp31	03-068-48	13
KM-15-B08-comp32	03-068-49	31
KM-15-B08-comp33	03-068-50	2
KM-15-B08-comp34	03-068-51	5
KM-15-B08-comp35	03-068-52	5
KM-15-B08-comp36	03-068-53	24
KM-15-B08-comp37	03-068-54	23
KM-15-B08-comp41	03-068-68	19
KM-15-B08-comp40	03-068-69	19
KM-15-B08-comp39	03-068-70	19
KM-15-B08-comp38	03-068-71	21
KM-15-B08-comp42	03-068-95	5
KM-15-B08-comp43	03-068-96	19
KM-15-B08-comp44	03-068-97	5
KM-15-B08-comp45	03-068-98	5
KM-15-B08-comp46	03-068-99	5
KM-15-B08-comp47	03-068-121	23
KM-15-B08-comp48	03-068-122	23
KM-15-B08-comp49	03-068-123	26
KM-15-B08-comp50	03-068-124	31
KM-15-B08-comp51	03-068-125	9
KM-15-B08-comp52	03-068-126	5
KM-15-B08-comp53	03-068-127	6
KM-15-B08-comp26	03-068-128	31
KM-15-B08-comp25	03-068-130	25
KM-15-B08-comp27	03-068-132	23
KM-15-B08-comp28	03-068-133	20
KM-15-B08-comp29	03-068-134	22

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% moisture	Sample Specific Notes:
1 KM15-B08-136	3/5/2015	1340	Grab Comp	Soil	1			X			
2 KM15-B08-137	3/5/2015	1341	grab	Soil	1			X			
3 KM15-B08-138	3/5/2015	1342	grab	Soil	1			X			
4 KM15-B08-139	3/5/2015	1343	grab	Soil	1			X			
~~KM-15-B08-comp25~~	~~3/5/2015~~	~~1344~~	~~grab~~	~~Soil~~	~~1~~				X		SB 3/9/16
5 KM-15-B08-140	3/6/2015	0840	grab	Soil	1			X			
6 KM-15-B08-141	3/6/2015	0841	grab	Soil	1			X			
7 KM-15-B08-142	3/6/2015	0842	grab	Soil	1			X			
8 KM-15-B08-143	3/6/2015	0843	grab	Soil	1			X			
9 KM-15-B08-144	3/6/2015	0844	grab	Soil	1			X			
10 KM-15-B08-145	3/6/2015	0845	grab	Soil	1			X			
11 KM-15-B08-146	3/6/2015	0846	grab	Soil	1			X			

SB 3/9/16

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	amec	3/9/15	Received by:	Spectrum	3/9/15 1200
Relinquished by:	Spectrum	3/9/15 1524	Received by:	OSE	3/9/15 1400
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Onsite Environmental

Chain of Custody Record

03-068

Onsite Labs, Redmond, WA

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below ____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days NM 3/9			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs		90 MOISTURE	Sample Specific Notes:
12	KM-15-B08-147	3/6/2015	0847	~~Comp~~ Grab	Soil	1			~~X~~ X	~~X~~			
13	KM-15-B08-148	3/6/2015	0848	grab	Soil	1			X				
14	KM-15-B08-149	3/6/2015	0849	grab	Soil	1			X				
15	KM-15-B08-150	3/6/2015	0850	grab	Soil	1			X				
16	KM-15-B08-151	3/6/2015	0851	grab	Soil	1			X				
	~~KM-15-B08-comp26~~	~~3/6/2015~~	~~0852~~	~~grab~~	~~Soil~~	~~1~~				~~X~~	SB 3/9		
	~~KM-15-B08-comp27~~	~~3/6/2015~~	~~0853~~	~~grab~~	~~Soil~~	~~1~~				~~X~~	SB 3/9		
	~~KM-15-B08-comp28~~	~~3/6/2015~~	~~0854~~	~~grab~~	~~Soil~~	~~1~~				~~X~~	SB 3/9		
17	KM-15-B08-1B	3/6/2015	1436	grab	Soil	1			X				
18	KM-15-B08-2B	3/6/2015	1437	grab	Soil	1			X				
19	KM-15-B08-3B	3/6/2015	1438	grab	Soil	1			X				
20	KM-15-B08-4B	3/6/2015	1439	grab	Soil	1			X				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for ______ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.: ____
Relinquished by: [signature]	Company: amec	Date/Time: 3/9/15	Received by: [signature]	Company: Speedy	Date/Time: 3/9/15 200
Relinquished by: [signature]	Company: Speedy	Date/Time: 3/9/15	Received by: [signature]	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days NM 3/9			Job / SDG No.:
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Moisture	Sample Specific Notes:
21	KM-15-B08-5B	3/6/2015	1440	Grab Comp	Soil	1			X			
22	KM-15-B08-6B	3/6/2015	1441	grab	Soil	1			X			
23	KM-15-B08-7B	3/6/2015	1442	grab	Soil	1			X			
24	KM-15-B08-8B	3/6/2015	1443	grab	Soil	1			X			
25	KM-15-B08-9B	3/6/2015	1444	grab	Soil	1			X			
26	KM-15-B08-10B	3/6/2015	1445	grab	Soil	1			X			
27	KM-15-B08-11B	3/6/2015	1446	grab	Soil	1			X			
28	KM-15-B08-12B	3/6/2015	1447	grab	Soil	1			X			
29	KM-15-B08-13B	3/6/2015	1448	grab	Soil	1			X			
30	KM-15-B08-14B	3/6/2015	1449	grab	Soil	1			X			
31	KM-15-B08-15B	3/6/2015	1450	grab	Soil	1			X			
32	KM-15-B08-16B	3/6/2015	1451	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	Amec	3/9/15	Received by:	SPECTRUM	3/9/15
Relinquished by:	SPECTRUM	3/9/15	Received by:	OSE	3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days NM 3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8260 Moisture	Sample Specific Notes:
33 KM-15-B08-17B	3/6/2015	1452	~~Grab~~ Comp	Soil	1			X			
34 KM-15-B08-21B	3/6/2015	1453	grab	Soil	1			X			
35 KM-15-B08-22B	3/6/2015	1454	grab	Soil	1			X			
36 KM-15-B08-23B	3/6/2015	1455	grab	Soil	1			X			
37 KM-15-B08-24B	3/6/2015	1456	grab	Soil	1			X			
38 KM-15-B08-28B	3/6/2015	1457	grab	Soil	1			X			
39 KM-15-B08-29B	3/6/2015	1458	grab	Soil	1			X			
40 KM-15-B08-30B	3/6/2015	1459	grab	Soil	1			X			
41 KM-15-B08-31B	3/6/2015	1500	grab	Soil	1			X			
42 KM-15-B08-35B	3/6/2015	1501	grab	Soil	1			X			
43 KM-15-B08-36B	3/6/2015	1502	grab	Soil	1			X			
44 KM-15-B08-37B	3/6/2015	1503	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GP-D-1	Date/Time: 3/9/15
Relinquished by:	Company: GP-D-1	Date/Time: 3/9/15	Received by:	Company: OSG	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 5 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% Moisture	Sample Specific Notes:
45 KM-15-B08-38B	3/6/2015	1504	~~Comp~~ grab	Soil	1			X			
46 KM-15-B08-42B	3/6/2015	1505	grab	Soil	1			X			
47 KM-15-B08-comp30	3/6/2015	1506	~~grab~~ comp	Soil	1				X	X	
48 KM-15-B08-comp31	3/6/2015	1507	~~grab~~ comp	Soil	1				X		
49 KM-15-B08-comp32	3/6/2015	1508	~~grab~~ C	Soil	1				X		
50 KM-15-B08-comp33	3/6/2015	1509	~~grab~~ C	Soil	1				X		
51 KM-15-B08-comp34	3/6/2015	1510	~~grab~~ C	Soil	1				X		
52 KM-15-B08-comp35	3/6/2015	1511	~~grab~~ C	Soil	1				X		
53 KM-15-B08-comp36	3/6/2015	1512	~~grab~~ C	Soil	1				X		
54 KM-15-B08-comp37	3/6/2015	1513	~~grab~~ C	Soil	1				X		
55 KM-15-B08-43B	3/9/2015	0915	grab	Soil	1			X			
56 KM-15-B08-44B	3/9/2015	0916	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: GPCD-1	Date/Time: 3/9/15
Relinquished by:	Company: GPCD-1	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
57 KM-15-B08-45B	3/9/2015	0917	grab Comp	Soil	1			X			
58 KM-15-B08-50B	3/9/2015	0918	grab	Soil	1			X			
59 KM-15-B08-51B	3/9/2015	0919	grab	Soil	1			X			
60 KM-15-B08-52B	3/9/2015	0920	grab	Soil	1			X			
61 KM-15-B08-58B	3/9/2015	0921	grab	Soil	1			X			
62 KM-15-B08-59B	3/9/2015	0922	grab	Soil	1			X			
63 KM-15-B08-60B	3/9/2015	0923	grab	Soil	1			X			
64 KM-15-B08-61B	3/9/2015	0924	grab	Soil	1			X			
65 KM-15-B08-62B	3/9/2015	0925	grab	Soil	1			X			
66 KM-15-B08-68B	3/9/2015	0926	grab	Soil	1			X			
67 KM-15-B08-73B	3/9/2015	0927	grab	Soil	1			X			
68 KM-15-B08-COMP41	3/9/2015	0928	comp grab	Soil	1				X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GP-DT	Date/Time: 3/9/15
Relinquished by:	Company: GP-DT	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No: 7
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8260 MOD BTEX	Sample Specific Notes:
69 KM-15-B08- COMP40	3/9/2015	0929	C	Soil	1				X	X	
70 KM-15-B08- COMP39	3/9/2015	0930	C	Soil	1				X	↓	
71 KM-15-B08- COMP38	3/9/2015	0931	C	Soil	1				X	↓	
72 KM-15-B08- 77B	3/9/2015	0932	G	Soil	1			X			
73 KM-15-B08- 78B	3/9/2015	0933	↓	Soil	1			X			
74 KM-15-B08- 79B	3/9/2015	0934		Soil	1			X			
75 KM-15-B08- 80B	3/9/2015	0935		Soil	1			X			
76 KM-15-B08- 85B	3/9/2015	0935		Soil	1			X			
77 KM-15-B08- 86B	3/9/2015	0936		Soil	1			X			
78 KM-15-B08- 87B	3/9/2015	0937		Soil	1			X			
79 KM-15-B08- 88B	3/9/2015	0938		Soil	1			X			
80 KM-15-B08- 89B	3/9/2015	0939	↓	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company:	Date/Time: 3/9/15
Relinquished by:	Company:	Date/Time: 3/9/15	Received by:	Company:	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
81 KM-15-B08- 90B	3/9/2015	0940	G	Soil	1			X			
82 KM-15-B08- 92B	3/9/2015	0942		Soil	1			X			
83 KM-15-B08- 93B	3/9/2015	0943		Soil	1			X			
84 KM-15-B08- 94B	3/9/2015	0944		Soil	1			X			
85 KM-15-B08- 95B	3/9/2015	0945		Soil	1			X			
86 KM-15-B08- 96B	3/9/2015	0946		Soil	1			X			
87 KM-15-B08- 97B	3/9/2015	0947		Soil	1			X			
88 KM-15-B08- 98B	3/9/2015	0948		Soil	1			X			
89 KM-15-B08- 99B	3/9/2015	0949		Soil	1			X			
90 KM-15-B08- 100B	3/9/2015	0950		Soil	1			X			
91 KM-15-B08- 101B	3/9/2015	0951		Soil	1			X			
92 KM-15-B08- 102B	3/9/2015	0952		Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: AMEC	Date/Time: 3/9/15	Received by:	Company: STL-DY	Date/Time: 3/9/15
Relinquished by:	Company: STL-DY	Date/Time: 3/9/15	Received by:	Company: CORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 9 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Archive	PCBs	8 Homologs	Sample Specific Notes:
93 KM-15-B08- 103B	3/9/2015	0953	G	Soil	1			X			
94 KM-15-B08- 105B	3/9/2015	0954	G	Soil	1			X			
95 KM-15-B08- COMP 42	3/9/2015	0955	Comp	Soil	1				X	X	
96 KM-15-B08- COMP 43	3/9/2015	0956	↓	Soil	1				X	↓	
97 KM-15-B08- COMP 44	3/9/2015	0957	↓	Soil	1				X	↓	
98 KM-15-B08- COMP 45	3/9/2015	0958	↓	Soil	1				X	↓	
99 KM-15-B08- COMP 46	3/9/2015	0959	↓	Soil	1				X	↓	
100 KM-15-B08- 106B	3/9/2015	1000	G	Soil	1			X			
101 KM-15-B08- 107B	3/9/2015	1001	G	Soil	1			↓			
102 KM-15-B08- 108B	3/9/2015	1002	↓	Soil	1			↓			
103 KM-15-B08- 109B	3/9/2015	1003	↓	Soil	1			↓			
104 KM-15-B08- 111B	3/9/2015	1004	↓	Soil	1			↓			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-CDT	Date/Time: 3/9/15
Relinquished by:	Company: SP-CDT	Date/Time: 3/1/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	80 MOI Samples	Sample Specific Notes:
105 KM-15-B08- 112B	3/9/2015	1005	G	Soil	1			X			
106 KM-15-B08- 113B	3/9/2015	1006		Soil	1			X			
107 KM-15-B08- 114B	3/9/2015	1007		Soil	1			X			
108 KM-15-B08- 115B	3/9/2015	1008		Soil	1			X			
109 KM-15-B08- 116B	3/9/2015	1009		Soil	1			X			
110 KM-15-B08- 117B	3/9/2015	1010		Soil	1			X			
111 KM-15-B08- 118B	3/9/2015	1011		Soil	1			X			
112 KM-15-B08- 119B	3/9/2015	1012		Soil	1			X			
113 KM-15-B08- 120B	3/9/2015	1013		Soil	1			X			
114 KM-15-B08- 121B	3/9/2015	1014		Soil	1			X			
115 KM-15-B08- 122B	3/9/2015	1015		Soil	1			X			
116 KM-15-B08- 123B	3/9/2015	1016	V	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GPcorp	Date/Time: 3/9/15
Relinquished by:	Company: GPcorp	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8270D SIM PAH	Sample Specific Notes:
117 KM-15-B08- 128B	3/9/2015	1017	G	Soil	1			X			
118 KM-15-B08- 129B	3/9/2015	1018	↓	Soil	1			↓			
119 KM-15-B08- 130B	3/9/2015	1019	↓	Soil	1			↓			
120 KM-15-B08- 131B	3/9/2015	1020	↓	Soil	1			↓			
121 KM-15-B08- COMP47	3/9/2015	1100	Comp	Soil	1				X	X	
122 KM-15-B08- COMP48	3/9/2015	1101	↓	Soil	1				↓	↓	
123 KM-15-B08- COMP49	3/9/2015	1102	↓	Soil	1				↓	↓	
124 KM-15-B08- COMP50	3/9/2015	1103	↓	Soil	1				↓	↓	
125 KM-15-B08- COMP51	3/9/2015	1104	↓	Soil	1				↓	↓	
126 KM-15-B08- COMP52	3/9/2015	1105	↓	Soil	1				↓	↓	
127 KM-15-B08- COMP53	3/9/2015	1106	↓	Soil	1				↓	↓	
128 KM-15-B08- COMP26	3/9/2015	1302	↓	Soil	1				↓	↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-Dry	Date/Time: 3/9/15
Relinquished by:	Company: SP-Dry	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: 03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
129 KM-15-B08- 110B	3/9/2015	1301	G	Soil	1			X			
130 KM-15-B08- COMP25	3/9/2015	1303	C	Soil	1				X	X	
131 KM-15-B08- 104B	3/9/2015	1300	G	Soil	1			X			
~~132 KM-15-B08- COMP26~~	~~3/9/2015~~	~~1302~~	~~C~~	~~Soil~~	~~1~~				~~X~~	~~X~~	~~OW 3/9/15~~
~~133~~ 132 KM-15-B08- COMP 27	3/9/2015	1314	C	Soil	1				X		
~~134~~ 133 KM-15-B08- COMP 28	3/9/2015	1315	C	Soil	1				X		
~~135~~ 134 KM-15-B08- COMP 29	3/9/2015	1316	C	Soil	1				X		
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1					SB 3/9/15	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Ave	Date/Time: 3/9/15	Received by:	Company: Spectrum	Date/Time: 3/9/15 2027
Relinquished by:	Company: Spectrum	Date/Time: 3/9/15 2356	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project NCD-B8 Sub Slab samples, round 2; 16110
Laboratory Reference No. 1503-068B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 9, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

Case Narrative

Samples were collected on March 6, 2015 and received by the laboratory on March 9, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-15-B08-31B**					
Laboratory ID:	03-068-41					
Aroclor 1016	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.051	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.20**	0.051	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				
Client ID:	**KM-15-B08-38B**					
Laboratory ID:	03-068-45					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.2**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-115-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.442**	0.500	0.500	ND	**89**	**88**	46-136	0	17	
Surrogate:											
DCB						*89*	*89*	*55-140*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: March 9, 2015
Laboratory Reference: 1503-068B
Project: NCD-B8 Sub Slab samples, round 2; 16110

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM-15-B08-31B	03-068-41	3
KM-15-B08-38B	03-068-45	8

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 1 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Sample Specific Notes:
1	KM15-B08-136	3/5/2015	1340	~~Comp~~ Grab	Soil	1			X		
2	KM15-B08-137	3/5/2015	1341	grab	Soil	1			X		
3	KM15-B08-138	3/5/2015	1342	grab	Soil	1			X		
4	KM15-B08-139	3/5/2015	1343	grab	Soil	1			X		
	~~KM-15-B08-comp25~~	~~3/5/2015~~	~~1344~~	~~grab~~	~~Soil~~	~~1~~				X	SB 3/9
5	KM-15-B08-140	3/6/2015	0840	grab	Soil	1			X		
6	KM-15-B08-141	3/6/2015	0841	grab	Soil	1			X		
7	KM-15-B08-142	3/6/2015	0842	grab	Soil	1			X		(X) Added 3/18 hs. DB (2 day TAT)
8	KM-15-B08-143	3/6/2015	0843	grab	Soil	1			X		
9	KM-15-B08-144	3/6/2015	0844	grab	Soil	1			X		
10	KM-15-B08-145	3/6/2015	0845	grab	Soil	1			X		
11	KM-15-B08-146	3/6/2015	0846	grab	Soil	1			X		

SB 3/9/16

Analysis

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	amec	3/9/15	Received by:	SpecD	3/9/15 2:00
Relinquished by:	SpecD	3/9/15 1527	Received by:	OSE	3/9/15 1400
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Onsite Labs, Redmond, WA

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 2 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days HK 3/9			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
12 KM-15-B08-147	3/6/2015	0847	Comp	Soil	1			X	X		
13 KM-15-B08-148	3/6/2015	0848	grab	Soil	1			X			
14 KM-15-B08-149	3/6/2015	0849	grab	Soil	1			X			
15 KM-15-B08-150	3/6/2015	0850	grab	Soil	1			X			
16 KM-15-B08-151	3/6/2015	0851	grab	Soil	1			X			
~~KM-15-B08-comp26~~	~~3/6/2015~~	~~0852~~	~~grab~~	Soil	1				X		SB 3/9
~~KM-15-B08-comp27~~	3/6/2015	~~0853~~	~~grab~~	Soil	1				X		SB 3/9
~~KM-15-B08-comp28~~	3/6/2015	~~0854~~	~~grab~~	Soil	1				X		SB 3/9
17 KM-15-B08-1B	3/6/2015	1436	grab	Soil	1			X			
18 KM-15-B08-2B	3/6/2015	1437	grab	Soil	1			X			
19 KM-15-B08-3B	3/6/2015	1438	grab	Soil	1			X			
20 KM-15-B08-4B	3/6/2015	1439	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: SPECTRUM	Date/Time: 3/9/15 2000
Relinquished by:	Company: SPECTRUM	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 3 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days NM 3/9			
P O #: 16110	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8082 Aroclors	Sample Specific Notes:
21	KM-15-B08-5B	3/6/2015	1440	~~Grab~~ Comp	Soil	1			X			
22	KM-15-B08-6B	3/6/2015	1441	grab	Soil	1			X			
23	KM-15-B08-7B	3/6/2015	1442	grab	Soil	1			X			
24	KM-15-B08-8B	3/6/2015	1443	grab	Soil	1			X			
25	KM-15-B08-9B	3/6/2015	1444	grab	Soil	1			X			
26	KM-15-B08-10B	3/6/2015	1445	grab	Soil	1			X			
27	KM-15-B08-11B	3/6/2015	1446	grab	Soil	1			X			
28	KM-15-B08-12B	3/6/2015	1447	grab	Soil	1			X			
29	KM-15-B08-13B	3/6/2015	1448	grab	Soil	1			X			
30	KM-15-B08-14B	3/6/2015	1449	grab	Soil	1			X			
31	KM-15-B08-15B	3/6/2015	1450	grab	Soil	1			X			
32	KM-15-B08-16B	3/6/2015	1451	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-CDT	Date/Time: 3/9/15
Relinquished by:	Company: SP-CDT	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

Onsite Environmental

03-068

Onsite Labs, Redmond, WA

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 4 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days NM 3/9/15			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	Moisture
33 KM-15-B08-17B	3/6/2015	1452	~~Comp~~ Grab	Soil	1			X		
34 KM-15-B08-21B	3/6/2015	1453	grab	Soil	1			X		
35 KM-15-B08-22B	3/6/2015	1454	grab	Soil	1			X		
36 KM-15-B08-23B	3/6/2015	1455	grab	Soil	1			X		
37 KM-15-B08-24B	3/6/2015	1456	grab	Soil	1			X		
38 KM-15-B08-28B	3/6/2015	1457	grab	Soil	1			X		
39 KM-15-B08-29B	3/6/2015	1458	grab	Soil	1			X		
40 KM-15-B08-30B	3/6/2015	1459	grab	Soil	1			X		
41 KM-15-B08-31B	3/6/2015	1500	grab	Soil	1			X (8)		(X)
42 KM-15-B08-35B	3/6/2015	1501	grab	Soil	1			X		
43 KM-15-B08-36B	3/6/2015	1502	grab	Soil	1			X		
44 KM-15-B08-37B	3/6/2015	1503	grab	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: SPL-DT	Date/Time: 3/9/15
Relinquished by:	Company: SPL-DT	Date/Time: 3/9/15	Received by:	Company: QE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other: **03-068** **Onsite Labs, Redmond, WA**

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 5 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days SB/3/9/15			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Archive	PCBs	% MOISTURE	Sample Specific Notes:
45 KM-15-B08-38B	3/6/2015	1504	~~grab~~ Comp	Soil	1			X	X	X	
46 KM-15-B08-42B	3/6/2015	1505	grab	Soil	1			X			
47 KM-15-B08-comp30	3/6/2015	1506	comp ~~grab~~	Soil	1				X	X	
48 KM-15-B08-comp31	3/6/2015	1507	comp ~~grab~~	Soil	1				X		
49 KM-15-B08-comp32	3/6/2015	1508	C ~~grab~~	Soil	1				X		
50 KM-15-B08-comp33	3/6/2015	1509	C ~~grab~~	Soil	1				X		
51 KM-15-B08-comp34	3/6/2015	1510	C ~~grab~~	Soil	1				X		
52 KM-15-B08-comp35	3/6/2015	1511	C ~~grab~~	Soil	1				X		
53 KM-15-B08-comp36	3/6/2015	1512	C ~~grab~~	Soil	1				X		
54 KM-15-B08-comp37	3/6/2015	1513	C ~~grab~~	Soil	1				X		
55 KM-15-B08-43B	3/9/2015	0915	grab	Soil	1			X			
56 KM-15-B08-44B	3/9/2015	0916	grab	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: STL-EDM	Date/Time: 3/9/15
Relinquished by:	Company: STL-EDM	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 6 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	90 MOISTURE	Sample Specific Notes:
57 KM-15-B08-45B	3/9/2015	0917	grab/Comp	Soil	1			X			
58 KM-15-B08-50B	3/9/2015	0918	grab	Soil	1			X			
59 KM-15-B08-51B	3/9/2015	0919	grab	Soil	1			X			
60 KM-15-B08-52B	3/9/2015	0920	grab	Soil	1			X			
61 KM-15-B08-58B	3/9/2015	0921	grab	Soil	1			X			
62 KM-15-B08-59B	3/9/2015	0922	grab	Soil	1			X			
63 KM-15-B08-60B	3/9/2015	0923	grab	Soil	1			X			
64 KM-15-B08-61B	3/9/2015	0924	grab	Soil	1			X			
65 KM-15-B08-62B	3/9/2015	0925	grab	Soil	1			X			
66 KM-15-B08-68B	3/9/2015	0926	grab	Soil	1			X			
67 KM-15-B08-73B	3/9/2015	0927	grab	Soil	1			X			
68 KM-15-B08-COMP41	3/9/2015	0928	COMP grab	Soil	1				X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GP-DT	Date/Time: 3/9/15
Relinquished by:	Company: GP-DT	Date/Time: 3/9/15	Received by:	Company: OES	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No: 7
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 7 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days SB 3/9/15			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	8260 MOD/8270	Sample Specific Notes:
69 KM-15-B08- COMP 40	3/9/2015	0929	C	Soil	1				X	X	
70 KM-15-B08- COMP 39	3/9/2015	0930	C	Soil	1				X	↓	
71 KM-15-B08- COMP 38	3/9/2015	0931	C	Soil	1				X		
72 KM-15-B08- 77B	3/9/2015	0932	G	Soil	1			X			
73 KM-15-B08- 78B	3/9/2015	0933		Soil	1			X			
74 KM-15-B08- 79B	3/9/2015	0934		Soil	1			X			
75 KM-15-B08- 80B	3/9/2015	0935		Soil	1			X			
76 KM-15-B08- 85B	3/9/2015	0935		Soil	1			X			
77 KM-15-B08- 86B	3/9/2015	0936		Soil	1			X			
78 KM-15-B08- 87B	3/9/2015	0937		Soil	1			X			
79 KM-15-B08- 88B	3/9/2015	0938		Soil	1			X			
80 KM-15-B08- 89B	3/9/2015	0939	↓	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: STL-SEA	Date/Time: 3/9/15
Relinquished by:	Company: STL-SEA	Date/Time: 3/9/15	Received by:	Company: ONSITE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 8 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Do MOISTURE	Sample Specific Notes:
81 KM-15-B08- 90B	3/9/2015	0940	G	Soil	1			X			
82 KM-15-B08- 92B	3/9/2015	0942	"	Soil	1			X			
83 KM-15-B08- 93B	3/9/2015	0943	"	Soil	1			X			
84 KM-15-B08- 94B	3/9/2015	0944	"	Soil	1			X			
85 KM-15-B08- 95B	3/9/2015	0945	"	Soil	1			X			
86 KM-15-B08- 96B	3/9/2015	0946	"	Soil	1			X			
87 KM-15-B08- 97B	3/9/2015	0947	"	Soil	1			X			
88 KM-15-B08- 98B	3/9/2015	0948	"	Soil	1			X			
89 KM-15-B08- 99B	3/9/2015	0949	"	Soil	1			X			
90 KM-15-B08- 100B	3/9/2015	0950	"	Soil	1			X			
91 KM-15-B08- 101B	3/9/2015	0951	"	Soil	1			X			
92 KM-15-B08- 102B	3/9/2015	0952	↓	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AMEC	Date/Time: 3/9/15	Received by:	Company: SPECTRUM	Date/Time: 3/9/15
Relinquished by:	Company: SPECTRUM	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 9 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Archive	PCBs	8 Aroclors	Sample Specific Notes:
93 KM-15-B08- 103B	3/9/2015	0953	G	Soil	1			X			
94 KM-15-B08- 105B	3/9/2015	0954	G	Soil	1			X			
95 KM-15-B08- COMP 42	3/9/2015	0955	Comp	Soil	1				X	X	
96 KM-15-B08- COMP 43	3/9/2015	0956	↓	Soil	1				X	↓	
97 KM-15-B08- COMP 44	3/9/2015	0957		Soil	1				X		
98 KM-15-B08- COMP 45	3/9/2015	0958		Soil	1				X		
99 KM-15-B08- COMP 46	3/9/2015	0959		Soil	1				X		
100 KM-15-B08- 106B	3/9/2015	1000	G	Soil	1			X			
101 KM-15-B08- 107B	3/9/2015	1001	G	Soil	1			↓			
102 KM-15-B08- 108B	3/9/2015	1002	↓	Soil	1						
103 KM-15-B08- 109B	3/9/2015	1003		Soil	1						
104 KM-15-B08- 111B	3/9/2015	1004		Soil	1						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: Speedy	Date/Time: 3/9/15
Relinquished by:	Company: Speedy	Date/Time: 3/9/15	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 10 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	80 MOI Solids	Sample Specific Notes:
105 KM-15-B08- 112B	3/9/2015	1005	G	Soil	1			X			
106 KM-15-B08- 113B	3/9/2015	1006		Soil	1			X			
107 KM-15-B08- 114B	3/9/2015	1007		Soil	1			X			
108 KM-15-B08- 115B	3/9/2015	1008		Soil	1			X			
109 KM-15-B08- 116B	3/9/2015	1009		Soil	1			X			
110 KM-15-B08- 117B	3/9/2015	1010		Soil	1			X			
111 KM-15-B08- 118B	3/9/2015	1011		Soil	1			X			
112 KM-15-B08- 119B	3/9/2015	1012		Soil	1			X			
113 KM-15-B08- 120B	3/9/2015	1013		Soil	1			X			
114 KM-15-B08- 121B	3/9/2015	1014		Soil	1			X			
115 KM-15-B08- 122B	3/9/2015	1015		Soil	1			X			
116 KM-15-B08- 123B	3/9/2015	1016	V	Soil	1			X			

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by:	Company: amec	Date/Time: 3/9/15	Received by:	Company: GPCOM	Date/Time: 3/9/15
Relinquished by:	Company: GPCOM	Date/Time: 3/9/15	Received by:	Company: ORE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

03-068

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 11 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below _____			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			
Site: Former Kelly-Moore	☑ 2 days			Job / SDG No.:
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	Aroclors	Sample Specific Notes:
117 KM-15-B08- 128B	3/9/2015	1017	G	Soil	1			X			
118 KM-15-B08- 129B	3/9/2015	1018	↓	Soil	1			↓			
119 KM-15-B08- 130B	3/9/2015	1019	↓	Soil	1			↓			
120 KM-15-B08- 131B	3/9/2015	1020	↓	Soil	1			↓			
121 KM-15-B08- COMP47	3/9/2015	1100	Comp	Soil	1				X	X	
122 KM-15-B08- COMP48	3/9/2015	1101	↓	Soil	1				↓	↓	
123 KM-15-B08- COMP49	3/9/2015	1102	↓	Soil	1				↓		
124 KM-15-B08- COMP50	3/9/2015	1103	↓	Soil	1				↓		
125 KM-15-B08- COMP51	3/9/2015	1104	↓	Soil	1				↓		
126 KM-15-B08- COMP52	3/9/2015	1105	↓	Soil	1				↓		
127 KM-15-B08- COMP53	3/9/2015	1106	↓	Soil	1				↓		
128 KM-15-B08- COMP26	3/9/2015	1302	↓	Soil	1				↓		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: SP-CD-T	Date/Time: 3/9/15
Relinquished by:	Company: SP-CD-T	Date/Time: 3/9/15	Received by:	Company: OSE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

Chain of Custody Record

Onsite Environmental

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

03-068

Onsite Labs, Redmond, WA

Client Contact	Project Manager: Tasya Gray (AMEC)	Site Contact: Nathan Moxley	3/5/2015	COC No:
Amec	Tel/Fax:	Lab Contact: Tasya Gray	Carrier:	Page 12 of 12
600 University St., Suite 600	Analysis Turnaround Time			Sampler: Nathan Moxley
Seattle, WA	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
206-342-1760	TAT if different from Below			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: NCD - B8 Sub Slab samples, round 2	☐ 1 week			Job / SDG No.:
Site: Former Kelly-Moore	☑ 2 days			
P O #: 16110	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Archive	PCBs	%MOISTURE	Sample Specific Notes:
129 KM-15-B08- 110B	3/9/2015	1301	G	Soil	1			X			
130 KM-15-B08- COMP25	3/9/2015	1303	C	Soil	1				X	X	
131 KM-15-B08- 104B	3/9/2015	1300	G	Soil	1			X			
~~132 KM-15-B08- COMP26~~	~~3/9/2015~~	~~1302~~	~~C~~	~~Soil~~	~~1~~				~~X~~	~~X~~	~~On 3/9/15~~
133 132 KM-15-B08- COMP 27	3/9/2015	1314	C	Soil	1				X		
134 133 KM-15-B08- COMP 28	3/9/2015	1315	C	Soil	1				X		
135 134 KM-15-B08- COMP 29	3/9/2015	1316	C	Soil	1				X		
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
KM-15-B08-	3/9/2015			Soil	1						
~~KM-15-B08-~~	~~3/9/2015~~			~~Soil~~	~~1~~						

SB 3/9/15

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☑Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1400

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Amec	Date/Time: 3/9/15	Received by:	Company: Spectrum	Date/Time: 3/9/15 2027
Relinquished by:	Company: Spectrum	Date/Time: 3/9/15 2356	Received by:	Company: ONE	Date/Time: 3/9/15 1436
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 18, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-143

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

Case Narrative

Samples were collected on March 13, 2015 and received by the laboratory on March 13, 2015. 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.

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 30B**					
Laboratory ID:	03-143-51					
Aroclor 1016	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.052	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.19**	0.052	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 31B**					
Laboratory ID:	03-143-52					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.63**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 32B**					
Laboratory ID:	03-143-53					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.065	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.36**	0.065	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 41B**					
Laboratory ID:	03-143-54					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.058	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 54**					
Laboratory ID:	03-143-55					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**1.1**	0.057	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM15-B08-Comp 40B**					
Laboratory ID:	03-143-56					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.057	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.31**	0.057	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 55**					
Laboratory ID:	03-143-57					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.42**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-Comp 39B**					
Laboratory ID:	03-143-58					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.46**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM15-B08-Comp 29B**					
Laboratory ID:	03-143-59					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.54**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 42B**					
Laboratory ID:	03-143-60					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.54**	0.053	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-Comp 43B**					
Laboratory ID:	03-143-61					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.44**	0.055	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*55-140*				
Client ID:	**KM15-B08-Comp 44B**					
Laboratory ID:	03-143-62					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.20**	0.053	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*55-140*				

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-Comp 34B**					
Laboratory ID:	03-143-63					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.16**	0.054	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-Comp 36B**					
Laboratory ID:	03-143-64					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.22**	0.059	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-Dup1-031315**					
Laboratory ID:	03-143-65					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**0.48**	0.062	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*55-140*				

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-145-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.443**	**0.503**	0.500	0.500	ND	**89**	**101**	46-136	13	17	
Surrogate:											
DCB						*87*	*96*	*55-140*			

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Date of Report: March 18, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143
Project: 14697

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM15-B08-Comp 30B	03-143-51	4
KM15-B08-Comp 31B	03-143-52	15
KM15-B08-Comp 32B	03-143-53	23
KM15-B08-Comp 41B	03-143-54	13
KM15-B08-Comp 54	03-143-55	13
KM15-B08-Comp 40B	03-143-56	13
KM15-B08-Comp 55	03-143-57	19
KM15-B08-Comp 39B	03-143-58	15
KM15-B08-Comp 29B	03-143-59	9
KM15-B08-Comp 42B	03-143-60	6
KM15-B08-Comp 43B	03-143-61	10
KM15-B08-Comp 44B	03-143-62	5
KM15-B08-Comp 34B	03-143-63	7
KM15-B08-Comp 36B	03-143-64	16
KM15-B08-Dup1-031315	03-143-65	19

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: ~~NM~~ Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ ~~2 Days~~ ☐ 3 Days
☒ ~~Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive	% Moisture
	~~B7-piping-B5-5.0~~	~~03/13/15~~	~~0750~~	~~Soil~~ 3/13 NM																			
	~~B7-piping-SIB-4.0~~		~~0755~~	3/13 NM																			
1	KM15-B08-1C	03/13/15	1220	Soil	1																	X	
2	KM15-B08-2C		1221																				
3	KM15-B08-3C		1222																				
4	KM15-B08-4C		1223																				
5	KM15-B08-5C		1224																				
6	KM15-B08-6C		1225																				
7	KM15-B08-8C		1226																				
8	KM15-B08-9C		1227																				

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received	SM	SPECTRY	3/16/15	923
Relinquished		SPECTRY	3/16/15	1124
Received		ONSITE ENV	3/16/15	1228
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ 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: 03-143

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☒ Standard (7 Days) NM 3/10/15
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
9	KM15-B08-10C	03/13/15	1228	Soil	1																	X					
10	KM15-B08-11C		1229																								
11	KM15-B08-12C		1230																								
12	KM15-B08-13C		1231																								
13	KM15-B08-43C		1320																								
14	KM15-B08-44C		1321																								
15	KM15-B08-45C		1322																								
16	KM15-B08-46B		1323																								
17	KM15-B08-47B		1324																								
18	KM15-B08-48B		1325																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPCourier	3/16/15	923
Relinquished		GPCourier	3/16/15	1120
Received		OnSite Env. Inc.	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☒ ~~2 Days~~ ☐ 3 Days
- ☒ ~~Standard (7 Days)~~ NM 3/13/15
  (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
19	KM15-B08-50C	03/13/15	1326	Soil	1																	X					
20	KM15-B08-51C		1327																								
21	KM15-B08-52C		1328																								
22	KM15-B08-53B		1329																								
23	KM15-B08-54B		1330																								
24	KM15-B08-55B		1331																								
25	KM15-B08-57C		1332																								
26	KM15-B08-58C		1333																								
27	KM15-B08-59C		1334																								
28	KM15-B08-60C		1335		V																						

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		AMEC	3/15/15	2030	
Received		GPRS	3/16/15	923	
Relinquished		SPEEDY	3/16/15	1121	
Received		ACE	3/16/15	1121	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
29	KM15-B08-61C	03/13/15	1336	Soil	1																	X					
30	KM15-B08-77C		1345																								
31	KM15-B08-78C		1346																								
32	KM15-B08-85C		1348																								
33	KM15-B08-86C		1349																								
34	KM15-B08-148B		1110																								
35	KM15-B08-149B		1111																								
36	KM15-B08-150B		1112																								
37	KM15-B08-151B		1113																								
38	KM15-B08-93C		1351																								

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		AMEC	3/15/15	2030	
Received		GeoEng	3/16/15	923	
Relinquished		GeoEng	3/16/15	1120	
Received		OnSite Env	3/16/15	1120	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
39	KM15-B08-94C	03/13/15	1352	Soil	1																	X					
40	KM15-B08-101C		1354																								
41	KM15-B08-102C		1355																								
42	KM15-B08-79C		1347																								
43	KM15-B08-87C		1350																								
44	KM15-B08-95C		1353																								
45	KM15-B08-103C		1356																								
46	KM15-B08-17C		1235																								
47	KM15-B08-24C		1236																								
48	KM15-B08-7C		1234																								

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		AMEC	3/15/15	2030	
Received		SPECTRUM	3/16/15	423	
Relinquished		SPECTRUM	3/16/15	1120	
Received		Active Ex	3/16/15	1120	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ 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: 03-143

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
49	KM15-B08-14C	03/13/15	1232	Soil	1																	X					
50	KM15-B08-21C		1233																			X					
51	KM15-B08-Comp 30B		1304											X													X
52	KM15-B08-Comp 31B		1306																								
53	KM15-B08-Comp 32B		1308																								
54	KM15-B08-Comp 41B		1337																								
55	KM15-B08-Comp 54		1340																								
56	KM15-B08-Comp 40B		1338																								
57	KM15-B08-Comp 55		1341																								
58	KM15-B08-Comp 39B		1339																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SDC-EDT	3/16/15	0924
Relinquished		SDC-EDT	3/16/15	1120
Received		SDC-EDT	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: ~~KM~~ SL Kelly Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
59	KM15-B08-comp-29B	03/13/15	1114	Soil	1									X								X
L60	KM15-B08-comp-42B	↓	1400	↓	↓									↓								↓
L61	KM15-B08-comp 43B		1401																			
L62	KM15-B08-comp 44B		1402																			
L63	KM15-B08-comp 34B		1312																			
L64	KM15-B08-comp 36B	↓	1310	↓																		
L65	KM15-B08-Dup1-031315	3/13/15	0900	Soil	↓									↓								↓

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECD-1	3/16/15	924
Relinquished		SPECD-1	3/16/15	1120
Received		OnSite ENV	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 23, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-143B

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

Case Narrative

Samples were collected on March 13, 2015 and received by the laboratory on March 16, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-3C**					
Laboratory ID:	03-143-03					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.14**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.17**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*105*	*55-140*				
Client ID:	**KM15-B08-4C**					
Laboratory ID:	03-143-04					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.88**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.75**	0.062	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*55-140*				
Client ID:	**KM15-B08-5C**					
Laboratory ID:	03-143-05					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.43**	0.065	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.27**	0.065	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-6C**					
Laboratory ID:	03-143-06					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.65**	0.062	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.56**	0.062	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-10C**					
Laboratory ID:	03-143-09					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.18**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.26**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-11C**					
Laboratory ID:	03-143-10					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.38**	0.066	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.32**	0.066	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-12C**					
Laboratory ID:	03-143-11					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.24**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.27**	0.057	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-13C**					
Laboratory ID:	03-143-12					
Aroclor 1016	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.082**	0.068	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.11**	0.068	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-46B**					
Laboratory ID:	03-143-16					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.83**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.2**	0.060	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*55-140*				

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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-47ZB**					
Laboratory ID:	03-143-17					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.41**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.72**	0.061	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-48B**					
Laboratory ID:	03-143-18					
Aroclor 1016	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**1.2**	0.057	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.4**	0.057	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-53B**					
Laboratory ID:	03-143-22					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.51**	0.064	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.91**	0.064	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				

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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-54B**					
Laboratory ID:	03-143-23					
Aroclor 1016	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.73**	0.067	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.1**	0.067	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-55B**					
Laboratory ID:	03-143-24					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1254	**ND**	0.058	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1260	**0.083**	0.058	EPA 8082A	3-20-15	3-23-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Client ID:	**KM15-B08-57C**					
Laboratory ID:	03-143-25					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.28**	0.059	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.58**	0.059	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

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Date of Report: March 23, 2015
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Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-58C**					
Laboratory ID:	03-143-26					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.088**	0.060	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				
Client ID:	**KM15-B08-59C**					
Laboratory ID:	03-143-27					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.31**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.68**	0.058	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*108*	*55-140*				
Client ID:	**KM15-B08-60C**					
Laboratory ID:	03-143-28					
Aroclor 1016	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.40**	0.058	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.95**	0.058	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*103*	*55-140*				

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Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-61C**					
Laboratory ID:	03-143-29					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*55-140*				
Client ID:	**KM15-B08-77C**					
Laboratory ID:	03-143-30					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**0.90**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**1.5**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				
Client ID:	**KM15-B08-78C**					
Laboratory ID:	03-143-31					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.24**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*55-140*				

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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-85C**					
Laboratory ID:	03-143-32					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.34**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM15-B08-86C**					
Laboratory ID:	03-143-33					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.23**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*55-140*				
Client ID:	**KM15-B08-148B**					
Laboratory ID:	03-143-34					
Aroclor 1016	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.054	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.37**	0.054	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*55-140*				

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Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-149B**					
Laboratory ID:	03-143-35					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.49**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				
Client ID:	**KM15-B08-150B**					
Laboratory ID:	03-143-36					
Aroclor 1016	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.061	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.44**	0.061	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*55-140*				
Client ID:	**KM15-B08-151B**					
Laboratory ID:	03-143-37					
Aroclor 1016	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.056	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.37**	0.056	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*55-140*				

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Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-79C**					
Laboratory ID:	03-143-42					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.47**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*55-140*				
Client ID:	**KM15-B08-87C**					
Laboratory ID:	03-143-43					
Aroclor 1016	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.053	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.25**	0.053	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*55-140*				
Client ID:	**KM15-B08-95C**					
Laboratory ID:	03-143-44					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.15**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*55-140*				

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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-103C**					
Laboratory ID:	03-143-45					
Aroclor 1016	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.055	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**0.41**	0.055	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0320S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Laboratory ID:	MB0320S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-23-15	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*55-140*				
Laboratory ID:	MB0320S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-20-15	3-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

PCBs EPA 8082A
MATRIX SPIKES QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
Laboratory ID:	03-143-24										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.459**	**0.505**	0.500	0.500	0.0720	**77**	**87**	46-136	10	17	X
Surrogate:											
DCB						*104*	*104*	*55-140*			
Laboratory ID:	03-143-33										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.628**	**0.614**	0.500	0.500	0.214	**83**	**80**	46-136	2	17	
Surrogate:											
DCB						*94*	*91*	*55-140*			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

% MOISTURE

Date Analyzed: 3-17&20-15

Client ID	Lab ID	% Moisture
KM15-B08-3C	03-143-03	5
KM15-B08-4C	03-143-04	19
KM15-B08-5C	03-143-05	23
KM15-B08-6C	03-143-06	20
KM15-B08-10C	03-143-09	9
KM15-B08-11C	03-143-10	24
KM15-B08-12C	03-143-11	13
KM15-B08-13C	03-143-12	26
KM15-B08-46B	03-143-16	17
KM15-B08-47ZB	03-143-17	18
KM15-B08-48B	03-143-18	12
KM15-B08-53B	03-143-22	22
KM15-B08-54B	03-143-23	25
KM15-B08-55B	03-143-24	13
KM15-B08-57C	03-143-25	15
KM15-B08-58C	03-143-26	17
KM15-B08-59C	03-143-27	13
KM15-B08-60C	03-143-28	14
KM15-B08-61C	03-143-29	8
KM15-B08-77C	03-143-30	8
KM15-B08-78C	03-143-31	5
KM15-B08-85C	03-143-32	6
KM15-B08-86C	03-143-33	5
KM15-B08-148B	03-143-34	8
KM15-B08-149B	03-143-35	9
KM15-B08-150B	03-143-36	18
KM15-B08-151B	03-143-37	11

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 16, 2015
Laboratory Reference: 1503-143B
Project: 14697

% MOISTURE

Date Analyzed: 3-17&20-15

Client ID	Lab ID	% Moisture
KM15-B08-79C	03-143-42	5
KM15-B08-87C	03-143-43	6
KM15-B08-95C	03-143-44	9
KM15-B08-103C	03-143-45	9

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

Page 1 of 7

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: ~~NM~~ Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☒ ~~Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
~~B7-piping-B5-5.0~~		~~03/13/15~~	~~0750~~	~~Soil~~ 3/13 NM																							
~~B7-piping-SIB-4.0~~			~~0755~~	3/13 NM																							
1	KM15-B08-1C	03/13/15	1220	Soil	1																	X					
2	KM15-B08-2C		1221																								
3	KM15-B08-3C		1222											X													X
4	KM15-B08-4C		1223											X													X
5	KM15-B08-5C		1224											X													X
6	KM15-B08-6C		1225											X													X
7	KM15-B08-8C		1226																								
8	KM15-B08-9C		1227																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRUM	3/16/15	923
Relinquished		SPECTRUM	3/16/15	1124
Received		ONSITE	3/16/15	1124
Relinquished				
Received				

Comments/Special Instructions
X Added 3/16/15 BG
2 day TA

Reviewed/Date | Reviewed/Date | Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
~~☒ 2 Days~~ ☐ 3 Days
☒ Standard (7 Days) NM 3/10/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
9	KM15-B08-10C	03/13/15	1228	Soil	1									X								X				X
10	KM15-B08-11C		1229											X												X
11	KM15-B08-12C		1230											X												X
12	KM15-B08-13C		1231											X												X
13	KM15-B08-43C		1320																							
14	KM15-B08-44C		1321																							
15	KM15-B08-45C		1322																							
16	KM15-B08-46B		1323											X												X
17	KM15-B08-47B		1324											X												X
18	KM15-B08-48B		1325											X												X

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRS	3/16/15	0423
Relinquished		GPRS	3/16/15	1120
Received		OnSite Env	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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: 03-143

Company: AMEC
Project Number: 14097
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
19	KM15-B08-50C	03/13/15	1326	Soil	1																	X				
20	KM15-B08-51C		1327																							
21	KM15-B08-52C		1328																							
22	KM15-B08-53B		1329											X												X
23	KM15-B08-54B		1330											X												X
24	KM15-B08-55B		1331											X												X
25	KM15-B08-57C		1332											X												X
26	KM15-B08-58C		1333											X												X
27	KM15-B08-59C		1334											X												X
28	KM15-B08-60C		1335											X												X

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GPRS	3/16/15	923
Relinquished		GPRS	3/16/15	1121
Received		OnSite Env	3/16/15	1121
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive				% Moisture
29	KM15-B08-61C	03/13/15	1336	Soil	1									X								X				X
30	KM15-B08-77C		1345											X												X
31	KM15-B08-78C		1346											X												X
32	KM15-B08-85C		1348											X												X
33	KM15-B08-86C		1349											X												X
34	KM15-B08-148B		1110											X												X
35	KM15-B08-149B		1111											X												X
36	KM15-B08-150B		1112											X												X
37	KM15-B08-151B		1113											X												X
38	KM15-B08-93C	↓	1351	↓	↓																	↓				

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		GeoDy	3/16/15	923
Relinquished		GeoDy	3/16/15	1120
Received		GeoEn	3/16/15	1120
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date | Reviewed/Date | Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: 14697
Project Name: Kelly-Moore Soil Ex
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
39	KM15-B08-94C	03/13/15	1352	Soil	1																	X					
40	KM15-B08-101C		1354																								
41	KM15-B08-102C		1355																								
42	KM15-B08-79C		1347											X													X
43	KM15-B08-87C		1350											X													X
44	KM15-B08-95C		1353											X													X
45	KM15-B08-103C		1356											X													X
46	KM15-B08-17C		1235																								
47	KM15-B08-24C		1236																								
48	KM15-B08-7C		1234																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRA	3/16/15	423
Relinquished		SPECTRA	3/16/15	1120
Received		Active EO	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: Kelly-Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13/15
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive					% Moisture
49	KM15-B08-14C	03/13/15	1232	Soil	1																	X					
50	KM15-B08-21C		1233																			X					
51	KM15-B08-Comp 30B		1304											X													X
52	KM15-B08-Comp 31B		1306																								
53	KM15-B08-Comp 32B		1308																								
54	KM15-B08-Comp 41B		1337																								
55	KM15-B08-Comp 54		1340																								
56	KM15-B08-Comp 40B		1338																								
57	KM15-B08-Comp 55		1341																								
58	KM15-B08-Comp 39B		1339																								

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECTRUM	3/16/15	0924
Relinquished		SPECTRUM	3/16/15	1120
Received		Onsite Env	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: AMEC
Project Number: SL KAA Kelly Moore Soil Ex
Project Name: 14697
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
~~☒ Standard (7 Days)~~ NM 3/13
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 03-143

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
59	KM15-B08-comp-29B	03/13/15	1114	Soil	1									X								X
60	KM15-B08-comp-42B		1400																			
61	KM15-B08-comp 43B		1401																			
62	KM15-B08-comp 44B		1402																			
63	KM15-B08-comp 34B		1312																			
64	KM15-B08-comp 36B		1310																			
65	KM15-B08-Dup1-031315	3/13/15	0900	Soil																		

	Signature	Company	Date	Time
Relinquished		AMEC	3/15/15	2030
Received		SPECD-1	3/16/15	924
Relinquished		SPECD-1	3/16/15	1120
Received		OnSite ENV	3/16/15	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-274

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 25, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

Case Narrative

Samples were collected on March 25, 2015 and received by the laboratory on March 25, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-4D**					
Laboratory ID:	03-274-01					
Aroclor 1016	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**0.23**	0.066	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.20**	0.066	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***110***	***55-140***				
Client ID:	**KM15-B08-6D**					
Laboratory ID:	03-274-02					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**0.31**	0.065	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.25**	0.065	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***110***	***55-140***				
Client ID:	**KM15-B08-46D**					
Laboratory ID:	03-274-04					
Aroclor 1016	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.062	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***55-140***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-47D**					
Laboratory ID:	03-274-05					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***79***	***55-140***				
Client ID:	**KM15-B08-48D**					
Laboratory ID:	03-274-06					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.11**	0.064	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***83***	***55-140***				
Client ID:	**KM15-B08-53D**					
Laboratory ID:	03-274-07					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***95***	***55-140***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-54D**					
Laboratory ID:	03-274-08					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.063	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***97***	***55-140***				
Client ID:	**KM15-B08-60D**					
Laboratory ID:	03-274-09					
Aroclor 1016	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.064	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***60***	***55-140***				
Client ID:	**KM15-B08-77D**					
Laboratory ID:	03-274-10					
Aroclor 1016	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.060	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**0.22**	0.060	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***82***	***55-140***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-91D**					
Laboratory ID:	03-274-11					
Aroclor 1016	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1221	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1232	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1242	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1248	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1254	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Aroclor 1260	**ND**	0.059	EPA 8082A	3-25-15	3-26-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***89***	***55-140***				
Client ID:	**KM15-B08-Dup 1**					
Laboratory ID:	03-274-12					
Aroclor 1016	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1221	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1232	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1242	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1248	**ND**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1254	**0.11**	0.065	EPA 8082A	3-25-15	3-26-15	
Aroclor 1260	**0.094**	0.065	EPA 8082A	3-25-15	3-26-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***55-140***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-25-15	3-25-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***109***	***55-140***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-274-07										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.363**	**0.358**	0.500	0.500	ND	**73**	**72**	46-136	1	17	
Surrogate:											
DCB						***92***	***93***	***55-140***			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 25, 2015
Laboratory Reference: 1503-274
Project: 14697

% MOISTURE

Date Analyzed: 3-25-15

Client ID	Lab ID	% Moisture
KM15-B08-4D	03-274-01	24
KM15-B08-6D	03-274-02	23
KM15-B08-46D	03-274-04	19
KM15-B08-47D	03-274-05	21
KM15-B08-48D	03-274-06	21
KM15-B08-53D	03-274-07	16
KM15-B08-54D	03-274-08	21
KM15-B08-60D	03-274-09	22
KM15-B08-77D	03-274-10	17
KM15-B08-91D	03-274-11	15
KM15-B08-Dup 1	03-274-12	24

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☒ ASAP (other)

Laboratory Number: 03-274

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM15-B08-4D	3/25/15	1000	So.1	1									X								X
2	KM15-B08-6D		1001																			X
~~3~~	~~KM15-B08-38D~~		1002																			X
4	KM15-B08-46D		1003																			X
5	KM15-B08-47D		1004																			X
6	KM15-B08-48D		1005																			X
7	KM15-B08-53D		1006																			X
8	KM15-B08-54D		1007																			X
9	KM15-B08-60D		1008																			X
10	KM15-B08-77D		1009																			X

	Signature	Company	Date	Time
Relinquished		Amec	3/25/15	1115
Received		GPacDT	3/25/15	1115
Relinquished		GPacDT	3/25/15	1326
Received		Centrilea	3/25/15	1330
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: Amec
Project Number: 14697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Mosley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☒ ASAP (other)

Laboratory Number: 03-274

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
11	KM15-B08-910	3/25/15	1010	Soil	1									X								X
12	KM15-B08-Dup1	↓	1011	Soil	1									X								X

	Signature	Company	Date	Time
Relinquished		Amec	3/25/15	1115
Received		EPoeT1	3/25/15	1115
Relinquished		SPCOY	3/25/15	1825
Received		Onsite Env	3/25/15	1330
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-283

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 26, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

Case Narrative

Samples were collected on March 25, 2015 and received by the laboratory on March 26, 2015. 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-B08-38D**					
Laboratory ID:	03-283-01					
Aroclor 1016	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1221	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1232	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1242	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1248	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1254	**ND**	0.063	EPA 8082A	3-26-15	3-26-15	
Aroclor 1260	**0.091**	0.063	EPA 8082A	3-26-15	3-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*55-140*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0326S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1221	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1232	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1242	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1248	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1254	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Aroclor 1260	**ND**	0.050	EPA 8082A	3-26-15	3-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*106*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0326S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.530**	**0.534**	0.500	0.500	N/A	**106**	**107**	64-127	1	11	
Surrogate:											
DCB						*106*	*107*	*55-140*			

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Date of Report: March 26, 2015
Samples Submitted: March 26, 2015
Laboratory Reference: 1503-283
Project: 14697

% MOISTURE

Date Analyzed: 3-26-15

Client ID	Lab ID	% Moisture
KM15-B08-38D	03-283-01	21

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: Amec
Project Number: 4697
Project Name: Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

Turnaround Request (in working days)
(Check One)
- [x] Same Day
- [ ] 1 Day
- [ ] 2 Days
- [ ] 3 Days
- [ ] Standard (7 Days) (TPH analysis 5 Days)
- [ ) _____ (other)

Laboratory Number: 03-283

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A						% Moisture
1	KM15-B08-38D	3/25/15	1530	Soil	1									X													X

	Signature	Company	Date	Time
Relinquished		Amec	3/26/15	0630
Received		SPECTR	3/26/15	802
Relinquished		SPECTR	3/26/15	874
Received		OSE	3/26/15	0839
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1506-208

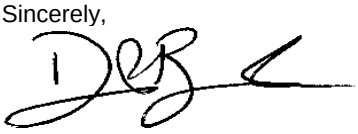
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on June 19, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

Case Narrative

Samples were collected on June 18, 2015 and received by the laboratory on June 19, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH 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.

The sample chromatogram is similar to mineral spirits.

Volatiles EPA 8260C Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Some MTCA Method A cleanup levels are non-achievable for sample TANK2-SOIL-B1-9.5 due to the necessary dilution of the sample.

Surrogate Standard 4-Bromofluorobenzene is outside control limits on the high end for sample TANK2-SOIL-B1-9.5 due to co-eluting non-target analytes.

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.

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK2-SOIL-B1-9.5**					
Laboratory ID:	06-208-01					
Gasoline	**2700**	160	NWTPH-Gx	6-22-15	6-23-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*71*	*68-123*				

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0622S1					
Gasoline	**ND**	5.0	NWTPH-Gx	6-25-15	6-25-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*68-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-224-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*83*	*84*	*68-123*			

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK2-SOIL-B1-9.5**					
Laboratory ID:	06-208-01					
Diesel Range Organics	**2100**	30	NWTPH-Dx	6-23-15	6-23-15	M
Lube Oil	**280**	60	NWTPH-Dx	6-23-15	6-23-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0623S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	6-23-15	6-23-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	6-23-15	6-23-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-200-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*83*	*78*	*50-150*			

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK2-SOIL-B1-9.5**					
Laboratory ID:	06-208-01					
Dichlorodifluoromethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Chloromethane	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Vinyl Chloride	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Bromomethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Chloroethane	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Trichlorofluoromethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloroethene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Acetone	ND	3.4	EPA 8260C	6-22-15	6-22-15	
Iodomethane	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Carbon Disulfide	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Methylene Chloride	ND	1.7	EPA 8260C	6-22-15	6-22-15	
(trans) 1,2-Dichloroethene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Methyl t-Butyl Ether	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Vinyl Acetate	ND	1.7	EPA 8260C	6-22-15	6-22-15	
2,2-Dichloropropane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
(cis) 1,2-Dichloroethene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
2-Butanone	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Bromochloromethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Chloroform	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1,1-Trichloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Carbon Tetrachloride	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloropropene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Benzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2-Dichloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Trichloroethene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2-Dichloropropane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Dibromomethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Bromodichloromethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
2-Chloroethyl Vinyl Ether	ND	1.7	EPA 8260C	6-22-15	6-22-15	
(cis) 1,3-Dichloropropene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Methyl Isobutyl Ketone	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Toluene	ND	1.7	EPA 8260C	6-22-15	6-22-15	
(trans) 1,3-Dichloropropene	ND	0.34	EPA 8260C	6-22-15	6-22-15	

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

VOLATILES EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK2-SOIL-B1-9.5**					
Laboratory ID:	06-208-01					
1,1,2-Trichloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Tetrachloroethene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,3-Dichloropropane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
2-Hexanone	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Dibromochloromethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2-Dibromoethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Chlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1,1,2-Tetrachloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Ethylbenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
m,p-Xylene	ND	0.68	EPA 8260C	6-22-15	6-22-15	
o-Xylene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Styrene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Bromoform	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Isopropylbenzene	2.1	0.34	EPA 8260C	6-22-15	6-22-15	
Bromobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,1,2,2-Tetrachloroethane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2,3-Trichloropropane	ND	0.34	EPA 8260C	6-22-15	6-22-15	
n-Propylbenzene	3.0	0.34	EPA 8260C	6-22-15	6-22-15	
2-Chlorotoluene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
4-Chlorotoluene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,3,5-Trimethylbenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
tert-Butylbenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2,4-Trimethylbenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
sec-Butylbenzene	0.95	0.34	EPA 8260C	6-22-15	6-22-15	
1,3-Dichlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
p-Isopropyltoluene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,4-Dichlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2-Dichlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
n-Butylbenzene	1.8	0.34	EPA 8260C	6-22-15	6-22-15	
1,2-Dibromo-3-chloropropane	ND	1.7	EPA 8260C	6-22-15	6-22-15	
1,2,4-Trichlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Hexachlorobutadiene	ND	1.7	EPA 8260C	6-22-15	6-22-15	
Naphthalene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
1,2,3-Trichlorobenzene	ND	0.34	EPA 8260C	6-22-15	6-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*76-131*				
Toluene-d8	*85*	*82-129*				
4-Bromofluorobenzene	*142*	*79-126*				Q

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0622S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Chloromethane	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Bromomethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Chloroethane	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Acetone	ND	0.010	EPA 8260C	6-22-15	6-22-15	
Iodomethane	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Methylene Chloride	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
2-Butanone	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Bromochloromethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Chloroform	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Benzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Trichloroethene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Dibromomethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Toluene	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	

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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0622S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
2-Hexanone	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Chlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Ethylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
m,p-Xylene	ND	0.0020	EPA 8260C	6-22-15	6-22-15	
o-Xylene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Styrene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Bromoform	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Bromobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-22-15	6-22-15	
Naphthalene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-22-15	6-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*76-131*				
Toluene-d8	*97*	*82-129*				
4-Bromofluorobenzene	*119*	*79-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

VOLATILES by EPA 8260C
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:	SB0622S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0453**	**0.0431**	0.0500	0.0500	91	86	66-129	5	15	
Benzene	**0.0479**	**0.0470**	0.0500	0.0500	96	94	71-123	2	15	
Trichloroethene	**0.0463**	**0.0464**	0.0500	0.0500	93	93	75-115	0	15	
Toluene	**0.0478**	**0.0477**	0.0500	0.0500	96	95	75-120	0	15	
Chlorobenzene	**0.0460**	**0.0461**	0.0500	0.0500	92	92	75-121	0	15	
Surrogate:										
Dibromofluoromethane					*86*	*84*	*76-131*			
Toluene-d8					*89*	*88*	*82-129*			
4-Bromofluorobenzene					*109*	*110*	*79-126*			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 26, 2015
Samples Submitted: June 19, 2015
Laboratory Reference: 1506-208
Project: 14697

% MOISTURE

Date Analyzed: 6-22-15

Client ID	Lab ID	% Moisture
TANK2-SOIL-B1-9.5	06-208-01	17

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: AMEC Foster Wheeler
Project Number: 14697
Project Name: Kelley Moore - SVE/UST
Project Manager: Tasya Gray
Sampled by: Trevor Louviere

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: 06-208

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A						% Moisture
1	TANK2-SOIL-B1-9.5	6/18/15	1458	S	5			X	X	X																	X

	Signature	Company	Date	Time
Relinquished		AMEC FW	6/19/15	0625
Received		AMEC FW	6/19/15	0625
Relinquished		AMEC FW	6/19/15	1325
Received	Cameron M Spray	Thunderdog	6/19/15	13:25
Relinquished	Cameron M Spray	Thunderdog	6/19/15	1401
Received	Lab assistant	OSE	6/19/15	1401
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 30, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1506-236

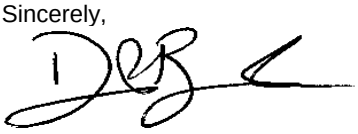
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on June 23, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

Case Narrative

Samples were collected on June 22, 2015 and received by the laboratory on June 23, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH 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.

The chromatograms for samples TANK-2-SOIL-S1-5 and TANK-2-SOIL-S3-5 are similar to mineral spirits with diesel.

Volatiles EPA 8260C 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 these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S1-5**					
Laboratory ID:	06-236-01					
Gasoline	**520**	110	NWTPH-Gx	6-24-15	6-29-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*68-123*				
Client ID:	**TANK 2- SOIL -S2-5**					
Laboratory ID:	06-236-02					
Gasoline	**ND**	5.3	NWTPH-Gx	6-24-15	6-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*68-123*				
Client ID:	**TANK 2- SOIL -S3-5**					
Laboratory ID:	06-236-03					
Gasoline	**2000**	110	NWTPH-Gx	6-24-15	6-30-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*70*	*68-123*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0624S1					
Gasoline	**ND**	5.0	NWTPH-Gx	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*68-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-235-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*86*	*89*	*68-123*			

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S1-5**					
Laboratory ID:	06-236-01					
Diesel Range Organics	**560**	26	NWTPH-Dx	6-24-15	6-24-15	
Lube Oil	**280**	52	NWTPH-Dx	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**TANK 2- SOIL -S2-5**					
Laboratory ID:	06-236-02					
Diesel Range Organics	**94**	26	NWTPH-Dx	6-24-15	6-24-15	
Lube Oil	**72**	52	NWTPH-Dx	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**TANK 2- SOIL -S3-5**					
Laboratory ID:	06-236-03					
Diesel Range Organics	**2600**	26	NWTPH-Dx	6-24-15	6-24-15	M
Lube Oil	**850**	52	NWTPH-Dx	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0624S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	6-24-15	6-24-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-236-01										
	ORIG	DUP									
Diesel Range Organics	**535**	**493**	NA	NA		NA		NA	8	NA	
Lube Oil	**271**	**250**	NA	NA		NA		NA	8	NA	
Surrogate:											
o-Terphenyl						*80*	*78*	*50-150*			

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S1-5**					
Laboratory ID:	06-236-01					
Dichlorodifluoromethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Chloromethane	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Vinyl Chloride	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Bromomethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Chloroethane	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Trichlorofluoromethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1-Dichloroethene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Acetone	ND	0.48	EPA 8260C	6-24-15	6-25-15	
Iodomethane	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Carbon Disulfide	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Methylene Chloride	ND	0.24	EPA 8260C	6-24-15	6-25-15	
(trans) 1,2-Dichloroethene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Methyl t-Butyl Ether	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1-Dichloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Vinyl Acetate	ND	0.24	EPA 8260C	6-24-15	6-25-15	
2,2-Dichloropropane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
(cis) 1,2-Dichloroethene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
2-Butanone	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Bromochloromethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Chloroform	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1,1-Trichloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Carbon Tetrachloride	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1-Dichloropropene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Benzene	0.22	0.048	EPA 8260C	6-24-15	6-25-15	
1,2-Dichloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Trichloroethene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2-Dichloropropane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Dibromomethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Bromodichloromethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
2-Chloroethyl Vinyl Ether	ND	0.24	EPA 8260C	6-24-15	6-25-15	
(cis) 1,3-Dichloropropene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Methyl Isobutyl Ketone	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Toluene	0.49	0.24	EPA 8260C	6-24-15	6-25-15	
(trans) 1,3-Dichloropropene	ND	0.048	EPA 8260C	6-24-15	6-25-15	

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S1-5**					
Laboratory ID:	06-236-01					
1,1,2-Trichloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Tetrachloroethene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,3-Dichloropropane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
2-Hexanone	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Dibromochloromethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2-Dibromoethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Chlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1,1,2-Tetrachloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Ethylbenzene	1.2	0.048	EPA 8260C	6-24-15	6-25-15	
m,p-Xylene	6.6	0.097	EPA 8260C	6-24-15	6-25-15	
o-Xylene	0.44	0.048	EPA 8260C	6-24-15	6-25-15	
Styrene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Bromoform	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Isopropylbenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Bromobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,1,2,2-Tetrachloroethane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2,3-Trichloropropane	ND	0.048	EPA 8260C	6-24-15	6-25-15	
n-Propylbenzene	0.060	0.048	EPA 8260C	6-24-15	6-25-15	
2-Chlorotoluene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
4-Chlorotoluene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,3,5-Trimethylbenzene	0.49	0.048	EPA 8260C	6-24-15	6-25-15	
tert-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2,4-Trimethylbenzene	1.0	0.048	EPA 8260C	6-24-15	6-25-15	
sec-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,3-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
p-Isopropyltoluene	0.15	0.048	EPA 8260C	6-24-15	6-25-15	
1,4-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
n-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
1,2-Dibromo-3-chloropropane	ND	0.24	EPA 8260C	6-24-15	6-25-15	
1,2,4-Trichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Hexachlorobutadiene	ND	0.24	EPA 8260C	6-24-15	6-25-15	
Naphthalene	0.85	0.048	EPA 8260C	6-24-15	6-25-15	
1,2,3-Trichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-25-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*76-131*				
Toluene-d8	*88*	*82-129*				
4-Bromofluorobenzene	*110*	*79-126*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S2-5**					
Laboratory ID:	06-236-02					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Chloromethane	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Vinyl Chloride	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Bromomethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Chloroethane	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Acetone	0.017	0.012	EPA 8260C	6-25-15	6-25-15	
Iodomethane	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Carbon Disulfide	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Methylene Chloride	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Vinyl Acetate	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
2-Butanone	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Bromochloromethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Chloroform	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Benzene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Trichloroethene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Dibromomethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Bromodichloromethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Toluene	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S2-5**					
Laboratory ID:	06-236-02					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Tetrachloroethene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
2-Hexanone	ND	0.0058	EPA 8260C	6-25-15	6-25-15	
Dibromochloromethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Chlorobenzene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Ethylbenzene	0.053	0.048	EPA 8260C	6-24-15	6-24-15	
m,p-Xylene	0.26	0.096	EPA 8260C	6-24-15	6-24-15	
o-Xylene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Styrene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Bromoform	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Isopropylbenzene	ND	0.0012	EPA 8260C	6-25-15	6-25-15	
Bromobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,1,2,2-Tetrachloroethane	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichloropropane	ND	0.048	EPA 8260C	6-24-15	6-24-15	
n-Propylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
2-Chlorotoluene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
4-Chlorotoluene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,3,5-Trimethylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
tert-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trimethylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
sec-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,3-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
p-Isopropyltoluene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,4-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,2-Dichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
n-Butylbenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,2-Dibromo-3-chloropropane	ND	0.24	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
Hexachlorobutadiene	ND	0.24	EPA 8260C	6-24-15	6-24-15	
Naphthalene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichlorobenzene	ND	0.048	EPA 8260C	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*76-131*				
Toluene-d8	*98*	*82-129*				
4-Bromofluorobenzene	*111*	*79-126*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S3-5**					
Laboratory ID:	06-236-03					
Dichlorodifluoromethane	ND	0.072	EPA 8260C	6-24-15	6-24-15	
Chloromethane	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Vinyl Chloride	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Bromomethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Chloroethane	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Trichlorofluoromethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloroethene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Acetone	ND	0.52	EPA 8260C	6-24-15	6-24-15	
Iodomethane	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Carbon Disulfide	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Methylene Chloride	ND	0.26	EPA 8260C	6-24-15	6-24-15	
(trans) 1,2-Dichloroethene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Methyl t-Butyl Ether	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Vinyl Acetate	ND	0.26	EPA 8260C	6-24-15	6-24-15	
2,2-Dichloropropane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
(cis) 1,2-Dichloroethene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
2-Butanone	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Bromochloromethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Chloroform	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1,1-Trichloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Carbon Tetrachloride	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloropropene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Benzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,2-Dichloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Trichloroethene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,2-Dichloropropane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Dibromomethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Bromodichloromethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
2-Chloroethyl Vinyl Ether	ND	0.26	EPA 8260C	6-24-15	6-24-15	
(cis) 1,3-Dichloropropene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Methyl Isobutyl Ketone	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Toluene	ND	0.26	EPA 8260C	6-24-15	6-24-15	
(trans) 1,3-Dichloropropene	ND	0.052	EPA 8260C	6-24-15	6-24-15	

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Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TANK 2- SOIL -S3-5**					
Laboratory ID:	06-236-03					
1,1,2-Trichloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Tetrachloroethene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,3-Dichloropropane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
2-Hexanone	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Dibromochloromethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,2-Dibromoethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Chlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1,1,2-Tetrachloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Ethylbenzene	4.3	0.052	EPA 8260C	6-24-15	6-24-15	
m,p-Xylene	140	1.0	EPA 8260C	6-24-15	6-25-15	
o-Xylene	30	0.52	EPA 8260C	6-24-15	6-25-15	
Styrene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Bromoform	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Isopropylbenzene	0.33	0.052	EPA 8260C	6-24-15	6-24-15	
Bromobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,1,2,2-Tetrachloroethane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichloropropane	ND	0.052	EPA 8260C	6-24-15	6-24-15	
n-Propylbenzene	0.24	0.052	EPA 8260C	6-24-15	6-24-15	
2-Chlorotoluene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
4-Chlorotoluene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,3,5-Trimethylbenzene	3.0	0.052	EPA 8260C	6-24-15	6-24-15	
tert-Butylbenzene	0.080	0.052	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trimethylbenzene	14	0.52	EPA 8260C	6-24-15	6-25-15	
sec-Butylbenzene	0.53	0.052	EPA 8260C	6-24-15	6-24-15	
1,3-Dichlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
p-Isopropyltoluene	1.7	0.052	EPA 8260C	6-24-15	6-24-15	
1,4-Dichlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
1,2-Dichlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
n-Butylbenzene	1.4	0.052	EPA 8260C	6-24-15	6-24-15	
1,2-Dibromo-3-chloropropane	ND	0.26	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trichlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Hexachlorobutadiene	ND	0.26	EPA 8260C	6-24-15	6-24-15	
Naphthalene	9.1	0.052	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichlorobenzene	ND	0.052	EPA 8260C	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*76-131*				
Toluene-d8	*91*	*82-129*				
4-Bromofluorobenzene	*115*	*79-126*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624S1					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	6-24-15	6-24-15	
Chloromethane	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Bromomethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Chloroethane	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Acetone	ND	0.010	EPA 8260C	6-24-15	6-24-15	
Iodomethane	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Methylene Chloride	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
2-Butanone	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Bromochloromethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Chloroform	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Benzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Trichloroethene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Dibromomethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Toluene	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
2-Hexanone	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Chlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Ethylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
m,p-Xylene	ND	0.0020	EPA 8260C	6-24-15	6-24-15	
o-Xylene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Styrene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Bromoform	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Bromobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-24-15	6-24-15	
Naphthalene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-24-15	6-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*76-131*				
Toluene-d8	*92*	*82-129*				
4-Bromofluorobenzene	*117*	*79-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0625S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Chloromethane	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Bromomethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Chloroethane	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Acetone	ND	0.010	EPA 8260C	6-25-15	6-25-15	
Iodomethane	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Methylene Chloride	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
2-Butanone	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Bromochloromethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Chloroform	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Benzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Trichloroethene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Dibromomethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Toluene	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0625S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
2-Hexanone	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Chlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Ethylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
m,p-Xylene	ND	0.0020	EPA 8260C	6-25-15	6-25-15	
o-Xylene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Styrene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Bromoform	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Bromobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-25-15	6-25-15	
Naphthalene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-25-15	6-25-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*76-131*				
Toluene-d8	*96*	*82-129*				
4-Bromofluorobenzene	*121*	*79-126*				

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
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:	SB0624S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0443**	**0.0423**	0.0500	0.0500	89	85	66-129	5	15	
Benzene	**0.0473**	**0.0470**	0.0500	0.0500	95	94	71-123	1	15	
Trichloroethene	**0.0462**	**0.0469**	0.0500	0.0500	92	94	75-115	2	15	
Toluene	**0.0478**	**0.0478**	0.0500	0.0500	96	96	75-120	0	15	
Chlorobenzene	**0.0452**	**0.0456**	0.0500	0.0500	90	91	75-121	1	15	
Surrogate:										
Dibromofluoromethane					*86*	*83*	*76-131*			
Toluene-d8					*89*	*86*	*82-129*			
4-Bromofluorobenzene					*109*	*107*	*79-126*			

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

VOLATILES by EPA 8260C
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:	SB0625S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0435**	**0.0425**	0.0500	0.0500	87	85	66-129	2	15	
Benzene	**0.0479**	**0.0483**	0.0500	0.0500	96	97	71-123	1	15	
Trichloroethene	**0.0474**	**0.0463**	0.0500	0.0500	95	93	75-115	2	15	
Toluene	**0.0488**	**0.0459**	0.0500	0.0500	98	92	75-120	6	15	
Chlorobenzene	**0.0479**	**0.0456**	0.0500	0.0500	96	91	75-121	5	15	
Surrogate:										
Dibromofluoromethane					*85*	*83*	*76-131*			
Toluene-d8					*88*	*85*	*82-129*			
4-Bromofluorobenzene					*113*	*108*	*79-126*			

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Date of Report: June 30, 2015
Samples Submitted: June 23, 2015
Laboratory Reference: 1506-236
Project: 14697

% MOISTURE

Date Analyzed: 6-24-15

Client ID	Lab ID	% Moisture
TANK 2- SOIL -S1-5	06-236-01	4
TANK 2- SOIL -S2-5	06-236-02	4
TANK 2- SOIL -S3-5	06-236-03	4

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits with diesel.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: AMEC Foster Wheeler
Project Number: 14697
Project Name: Kelley Moore
Project Manager: Tasya Gray
Sampled by: T. Louviere

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: 06-236

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	TANK2-SOIL-S1-5	6/22/15	1137	S	5			X	X	X												X
2	TANK2-SOIL-S2-5	↓	1139	S	5			X	X	X												X
3	TANK2-SOIL-S3-5	↓	1141	S	5			X	X	X												X

	Signature	Company	Date	Time
Relinquished		AMEC FW	6/22/15	1213
Received		AMEC FW	6/22/15	1213
Relinquished		AMEC FW	6/23/15	1348
Received		Thunderbird	6-23-15	1345
Relinquished		Thunderbird	6-23-15	2:15
Received		OnSite	6/23/15	1475
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-50925-1
Client Project/Site: Kelly Moore

For:
Ingenium Group, LLC
8206 S. 192nd Street
Kent, Washington 98032

Attn: Corey Johnson

Authorized for release by:
6/25/2015 3:20:34 PM

Stephanie Sanders, Project Manager I
(303)736-0196
stephanie.sanders@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-50925-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-50925-1

Comments
No additional comments.

Receipt
The sample was received on 6/18/2015 3:00 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 12.1º C.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: # KMUNKNOWN1 (580-50925-1). The sample was 12.1°C on receipt.

The container for sample # KMUNKNOWN1 (580-50925-1) lacks a label. Only the sample ID is written on the cap. The sample is logged in per chain of custody.

GC/MS VOA
Method(s) NWTPH-Gx: The following sample was diluted to bring the concentration of target analytes within the calibration range: # KMUNKNOWN1 (580-50925-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 77763 recovered above the upper control limit for Bromomethane. The sample associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: # KMUNKNOWN1 (580-50925-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Client Sample ID: # KMUNKNOWN1
Date Collected: 06/17/15 14:00
Date Received: 06/18/15 15:00

Lab Sample ID: 580-50925-1
Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Bromobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Bromochloromethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Bromodichloromethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Bromoform	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Bromomethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
n-Butylbenzene	**520**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
sec-Butylbenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
tert-Butylbenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Carbon tetrachloride	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Chlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Chloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Chloroform	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Chloromethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
2-Chlorotoluene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
4-Chlorotoluene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2-Dibromo-3-Chloropropane	ND		33		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2-Dibromoethane (EDB)	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Dibromomethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2-Dichlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,3-Dichlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,4-Dichlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Dichlorodifluoromethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1-Dichloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2-Dichloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
cis-1,2-Dichloroethene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
trans-1,2-Dichloroethene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1-Dichloroethene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2-Dichloropropane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,3-Dichloropropane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
2,2-Dichloropropane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
cis-1,3-Dichloropropene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
trans-1,3-Dichloropropene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1-Dichloropropene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Ethylbenzene	**2700**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Hexachlorobutadiene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Isopropylbenzene	**390**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
p-Isopropyltoluene	**300**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Methylene Chloride	ND		33		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Naphthalene	**4800**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
N-Propylbenzene	**520**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Styrene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1,1,2-Tetrachloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1,2,2-Tetrachloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Tetrachloroethene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Toluene	**150**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2,3-Trichlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2,4-Trichlorobenzene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,1,1-Trichloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Client Sample ID: # KMUNKNOWN1
Date Collected: 06/17/15 14:00
Date Received: 06/18/15 15:00

Lab Sample ID: 580-50925-1
Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Trichloroethene	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Trichlorofluoromethane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2,3-Trichloropropane	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,2,4-Trimethylbenzene	**1200**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
1,3,5-Trimethylbenzene	**200**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
Vinyl chloride	ND		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
m-Xylene & p-Xylene	**5300**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1
o-Xylene	**990**		16		ug/Kg		06/24/15 15:30	06/24/15 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*87 - 119*	*06/24/15 15:30*	*06/24/15 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*84 - 119*	*06/24/15 15:30*	*06/24/15 16:42*	*1*
Toluene-d8 (Surr)	*100*		*85 - 122*	*06/24/15 15:30*	*06/24/15 16:42*	*1*
Dibromofluoromethane (Surr)	*97*		*67 - 123*	*06/24/15 15:30*	*06/24/15 16:42*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**2300**		380		mg/Kg		06/22/15 15:08	06/22/15 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 150*	*06/22/15 15:08*	*06/22/15 16:44*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		2200		mg/Kg		06/22/15 13:42	06/22/15 14:55	1
Motor Oil (>C24-C36)	ND		4300		mg/Kg		06/22/15 13:42	06/22/15 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*50 - 150*	*06/22/15 13:42*	*06/22/15 14:55*	*1*

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 320-77763/9
Matrix: Waste
Analysis Batch: 77763

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Bromobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Bromochloromethane	ND		0.050		ug/Kg			06/24/15 12:32	1
Bromodichloromethane	ND		0.050		ug/Kg			06/24/15 12:32	1
Bromoform	ND		0.050		ug/Kg			06/24/15 12:32	1
Bromomethane	ND		0.050		ug/Kg			06/24/15 12:32	1
n-Butylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
sec-Butylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
tert-Butylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Carbon tetrachloride	ND		0.050		ug/Kg			06/24/15 12:32	1
Chlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Chloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
Chloroform	ND		0.050		ug/Kg			06/24/15 12:32	1
Chloromethane	ND		0.050		ug/Kg			06/24/15 12:32	1
2-Chlorotoluene	ND		0.050		ug/Kg			06/24/15 12:32	1
4-Chlorotoluene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2-Dibromo-3-Chloropropane	ND		0.10		ug/Kg			06/24/15 12:32	1
1,2-Dibromoethane (EDB)	ND		0.050		ug/Kg			06/24/15 12:32	1
Dibromomethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2-Dichlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,3-Dichlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,4-Dichlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Dichlorodifluoromethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1-Dichloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2-Dichloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
cis-1,2-Dichloroethene	ND		0.050		ug/Kg			06/24/15 12:32	1
trans-1,2-Dichloroethene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1-Dichloroethene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2-Dichloropropane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,3-Dichloropropane	ND		0.050		ug/Kg			06/24/15 12:32	1
2,2-Dichloropropane	ND		0.050		ug/Kg			06/24/15 12:32	1
cis-1,3-Dichloropropene	ND		0.050		ug/Kg			06/24/15 12:32	1
trans-1,3-Dichloropropene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1-Dichloropropene	ND		0.050		ug/Kg			06/24/15 12:32	1
Ethylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Hexachlorobutadiene	ND		0.050		ug/Kg			06/24/15 12:32	1
Isopropylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
p-Isopropyltoluene	ND		0.050		ug/Kg			06/24/15 12:32	1
Methylene Chloride	ND		0.10		ug/Kg			06/24/15 12:32	1
Naphthalene	ND		0.050		ug/Kg			06/24/15 12:32	1
N-Propylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Styrene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1,1,2-Tetrachloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1,2,2-Tetrachloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
Tetrachloroethene	ND		0.050		ug/Kg			06/24/15 12:32	1
Toluene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2,3-Trichlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2,4-Trichlorobenzene	ND		0.050		ug/Kg			06/24/15 12:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 320-77763/9
Matrix: Waste
Analysis Batch: 77763

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,1,2-Trichloroethane	ND		0.050		ug/Kg			06/24/15 12:32	1
Trichloroethene	ND		0.050		ug/Kg			06/24/15 12:32	1
Trichlorofluoromethane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2,3-Trichloropropane	ND		0.050		ug/Kg			06/24/15 12:32	1
1,2,4-Trimethylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
1,3,5-Trimethylbenzene	ND		0.050		ug/Kg			06/24/15 12:32	1
Vinyl chloride	ND		0.050		ug/Kg			06/24/15 12:32	1
m-Xylene & p-Xylene	ND		0.050		ug/Kg			06/24/15 12:32	1
o-Xylene	ND		0.050		ug/Kg			06/24/15 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*87 - 119*		*06/24/15 12:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*84 - 119*		*06/24/15 12:32*	*1*
Toluene-d8 (Surr)	*98*		*85 - 122*		*06/24/15 12:32*	*1*
Dibromofluoromethane (Surr)	*101*		*67 - 123*		*06/24/15 12:32*	*1*

Lab Sample ID: LCS 320-77763/5
Matrix: Waste
Analysis Batch: 77763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	20.3		ug/Kg		101	50 - 150
Bromobenzene	20.0	22.0		ug/Kg		110	50 - 150
Bromochloromethane	20.0	23.3		ug/Kg		116	50 - 150
Bromodichloromethane	20.0	20.8		ug/Kg		104	50 - 150
Bromoform	20.0	21.4		ug/Kg		107	50 - 150
Bromomethane	20.0	26.6		ug/Kg		133	50 - 150
n-Butylbenzene	20.0	22.1		ug/Kg		111	50 - 150
sec-Butylbenzene	20.0	23.1		ug/Kg		116	50 - 150
tert-Butylbenzene	20.0	23.5		ug/Kg		118	50 - 150
Carbon tetrachloride	20.0	22.1		ug/Kg		110	50 - 150
Chlorobenzene	20.0	21.7		ug/Kg		109	50 - 150
Chloroethane	20.0	20.8		ug/Kg		104	50 - 150
Chloroform	20.0	21.4		ug/Kg		107	50 - 150
Chloromethane	20.0	17.4		ug/Kg		87	50 - 150
2-Chlorotoluene	20.0	21.1		ug/Kg		105	50 - 150
4-Chlorotoluene	20.0	21.7		ug/Kg		108	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/Kg		94	50 - 150
1,2-Dibromoethane (EDB)	20.0	21.8		ug/Kg		109	50 - 150
Dibromomethane	20.0	21.2		ug/Kg		106	50 - 150
1,2-Dichlorobenzene	20.0	21.5		ug/Kg		108	50 - 150
1,3-Dichlorobenzene	20.0	21.6		ug/Kg		108	50 - 150
1,4-Dichlorobenzene	20.0	22.3		ug/Kg		111	50 - 150
Dichlorodifluoromethane	20.0	23.9		ug/Kg		120	50 - 150
1,1-Dichloroethane	20.0	18.6		ug/Kg		93	50 - 150
1,2-Dichloroethane	20.0	20.9		ug/Kg		105	50 - 150
cis-1,2-Dichloroethene	20.0	22.1		ug/Kg		111	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 320-77763/5
Matrix: Waste
Analysis Batch: 77763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	50 - 150
1,1-Dichloroethene	20.0	20.8		ug/Kg		104	50 - 150
1,2-Dichloropropane	20.0	19.4		ug/Kg		97	50 - 150
1,3-Dichloropropane	20.0	19.8		ug/Kg		99	50 - 150
2,2-Dichloropropane	20.0	23.1		ug/Kg		115	50 - 150
cis-1,3-Dichloropropene	20.0	21.3		ug/Kg		107	50 - 150
trans-1,3-Dichloropropene	20.0	22.1		ug/Kg		111	50 - 150
1,1-Dichloropropene	20.0	21.2		ug/Kg		106	50 - 150
Ethylbenzene	20.0	21.7		ug/Kg		108	50 - 150
Hexachlorobutadiene	20.0	17.8		ug/Kg		89	50 - 150
Isopropylbenzene	20.0	23.0		ug/Kg		115	50 - 150
p-Isopropyltoluene	20.0	21.9		ug/Kg		109	50 - 150
Methylene Chloride	20.0	19.8		ug/Kg		99	50 - 150
Naphthalene	20.0	25.6		ug/Kg		128	50 - 150
N-Propylbenzene	20.0	21.9		ug/Kg		109	50 - 150
Styrene	20.0	21.6		ug/Kg		108	50 - 150
1,1,1,2-Tetrachloroethane	20.0	21.0		ug/Kg		105	50 - 150
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	50 - 150
Tetrachloroethene	20.0	22.3		ug/Kg		112	50 - 150
Toluene	20.0	23.4		ug/Kg		117	50 - 150
1,2,3-Trichlorobenzene	20.0	22.5		ug/Kg		112	50 - 150
1,2,4-Trichlorobenzene	20.0	22.4		ug/Kg		112	50 - 150
1,1,1-Trichloroethane	20.0	22.4		ug/Kg		112	50 - 150
1,1,2-Trichloroethane	20.0	22.1		ug/Kg		111	50 - 150
Trichloroethene	20.0	21.5		ug/Kg		107	50 - 150
Trichlorofluoromethane	20.0	26.2		ug/Kg		131	50 - 150
1,2,3-Trichloropropane	20.0	20.2		ug/Kg		101	50 - 150
1,2,4-Trimethylbenzene	20.0	21.5		ug/Kg		107	50 - 150
1,3,5-Trimethylbenzene	20.0	23.2		ug/Kg		116	50 - 150
Vinyl chloride	20.0	20.2		ug/Kg		101	50 - 150
m-Xylene & p-Xylene	20.0	22.0		ug/Kg		110	50 - 150
o-Xylene	20.0	21.7		ug/Kg		109	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*87 - 119*
1,2-Dichloroethane-d4 (Surr)	*94*		*84 - 119*
Toluene-d8 (Surr)	*104*		*85 - 122*
Dibromofluoromethane (Surr)	*100*		*67 - 123*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-192869/1-A
Matrix: Waste
Analysis Batch: 192832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 192869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.0		mg/Kg		06/22/15 15:08	06/22/15 13:46	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: MB 580-192869/1-A
Matrix: Waste
Analysis Batch: 192832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 192869

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		50 - 150	06/22/15 15:08	06/22/15 13:46	1

Lab Sample ID: LCS 580-192869/2-A
Matrix: Waste
Analysis Batch: 192832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 192869

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			40.0	32.7		mg/Kg		82	68 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		50 - 150

Lab Sample ID: LCSD 580-192869/3-A
Matrix: Waste
Analysis Batch: 192832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 192869

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline			40.0	34.0		mg/Kg		85	68 - 120	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		50 - 150

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-192860/1-A
Matrix: Waste
Analysis Batch: 192804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 192860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		2500		mg/Kg		06/22/15 13:42	06/22/15 14:07	1
Motor Oil (>C24-C36)	ND		5000		mg/Kg		06/22/15 13:42	06/22/15 14:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150	06/22/15 13:42	06/22/15 14:07	1

Lab Sample ID: LCS 580-192860/2-A
Matrix: Waste
Analysis Batch: 192804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 192860

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)			50000	53000		mg/Kg		106	70 - 125		
Motor Oil (>C24-C36)			50200	56500		mg/Kg		113	64 - 127		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	103		50 - 150

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCSD 580-192860/3-A
Matrix: Waste
Analysis Batch: 192804

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 192860

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)			50000	53600		mg/Kg		107	70 - 125	1	16
Motor Oil (>C24-C36)			50200	57400		mg/Kg		114	64 - 127	2	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*105*		*50 - 150*

Lab Chronicle

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Client Sample ID: # KMUNKNOWN1
Date Collected: 06/17/15 14:00
Date Received: 06/18/15 15:00

Lab Sample ID: 580-50925-1
Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3585			77835	06/24/15 15:30	YML	TAL SAC
Total/NA	Analysis	8260B		1	77763	06/24/15 16:42	VSG	TAL SAC
Total/NA	Prep	5035			192869	06/22/15 15:08	IWH	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	192832	06/22/15 16:44	D1R	TAL SEA
Total/NA	Prep	3580A			192860	06/22/15 13:42	EKK	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	192804	06/22/15 14:55	EKK	TAL SEA

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Laboratory: TestAmerica Seattle

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-02-16
California	State Program	9	2901	01-31-17
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-15
US Fish & Wildlife	Federal		LE192332-0	02-28-16
USDA	Federal		P330-11-00222	04-08-17
Washington	State Program	10	C553	02-17-16

Laboratory: TestAmerica Sacramento

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2928-01	01-31-16
Alaska (UST)	State Program	10	UST-055	12-18-15
Arizona	State Program	9	AZ0708	08-11-15
Arkansas DEQ	State Program	6	88-0691	06-17-16
California	State Program	9	2897	01-31-16
Colorado	State Program	8	N/A	08-31-15
Connecticut	State Program	1	PH-0691	06-30-15 *
Florida	NELAP	4	E87570	06-30-16 *
Hawaii	State Program	9	N/A	01-29-16
Illinois	NELAP	5	200060	03-17-16
Kansas	NELAP	7	E-10375	10-31-15
Louisiana	NELAP	6	30612	06-30-16
Michigan	State Program	5	9947	01-31-16
Nevada	State Program	9	CA44	07-31-15
New Jersey	NELAP	2	CA005	06-30-15 *
New York	NELAP	2	11666	04-01-16
Oregon	NELAP	10	CA200005	01-29-16
Oregon	NELAP Secondary AB	10	E87570	06-30-15
Pennsylvania	NELAP	3	9947	03-31-16
Texas	NELAP	6	T104704399-08-TX	05-31-16
US Fish & Wildlife	Federal		LE148388-0	02-28-16
USDA	Federal		P330-11-00436	12-30-17
USEPA UCMR	Federal	1	CA00044	11-06-16
Utah	NELAP	8	QUAN1	02-28-16
Virginia	NELAP Secondary AB	3	460278	03-14-16
Washington	State Program	10	C581	05-04-16
West Virginia (DW)	State Program	3	9930C	12-31-15
Wyoming	State Program	8	8TMS-Q	01-29-16

* Certification renewal pending - certification considered valid.

Sample Summary

Client: Ingenium Group, LLC
Project/Site: Kelly Moore

TestAmerica Job ID: 580-50925-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-50925-1	# KMUNKNOWN1	Waste	06/17/15 14:00	06/18/15 15:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☐ Rush
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
INGENIUM	Amy Corvin	6-18-15	24982
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
8206 S 192nd ST	206-268-0406	50925	
City / State / Zip Code	**Sampler**	**Lab Contact**	
KENT / WA / 98032			
Project Name and Location (State)	**Billing Contact**		
KELLY MOORE			
Contract/Purchase Order/Quote No.			
7799			

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: DRHLT	TPH-G	BTEX	8260 BTEX									Special Instructions/ Conditions of Receipt
~~UNKNOWN TANK~~ 1	6-17-15	2pm		L									X	X	X	X	X								FOLLOW-UP 8260 FULL LIST
UNKNOWN 1																									

580-50925 Chain of Custody

JR2
Cooler/TB Dig/IR/cor 12.1 °C unc 11.8 °C
Cooler Dsc is Blue/Wht Lab 1805
Wet/Packs Packing N/A
W/O LC

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 ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By Sign/Print	Date	Time	Received By Sign/Print	Date	Time
1.	Jody McKnight	6-17-15	12:15	Francisco Luna	6/18/15	1500
2.						
3.						

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Ingenium Group, LLC

Job Number: 580-50925-1

Login Number: 50925
List Number: 1
Creator: Blankinship, Tom X

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	no
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	False	Refer to Job Narrative for details.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Sample splitting required for subcontract purposes.
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ingenium Group, LLC

Job Number: 580-50925-1

Login Number: 50925
List Number: 2
Creator: Hytrek, Cheryl

List Source: TestAmerica Sacramento
List Creation: 06/23/15 12:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 16, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 0146970060
Laboratory Reference No. 1510-113

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 15, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

Case Narrative

Samples were collected on October 15, 2015 and received by the laboratory on October 15, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX 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 8260C Analysis

Please note that EPA 5035 approved vials were not supplied for this analysis. The sample was therefore extracted and analyzed out of a 4oz jar. Some loss of volatiles may have occurred.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R01-101515**					
Laboratory ID:	10-113-01					
Benzene	**0.076**	0.020	EPA 8021B	10-15-15	10-15-15	
Toluene	**ND**	0.063	EPA 8021B	10-15-15	10-15-15	
Ethyl Benzene	**0.18**	0.063	EPA 8021B	10-15-15	10-15-15	
m,p-Xylene	**0.25**	0.063	EPA 8021B	10-15-15	10-15-15	
o-Xylene	**ND**	0.063	EPA 8021B	10-15-15	10-15-15	
Gasoline	**69**	6.3	NWTPH-Gx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*68-129*				
Client ID:	**KM-R02-101515**					
Laboratory ID:	10-113-02					
Benzene	**ND**	0.020	EPA 8021B	10-15-15	10-15-15	
Toluene	**ND**	0.053	EPA 8021B	10-15-15	10-15-15	
Ethyl Benzene	**0.20**	0.053	EPA 8021B	10-15-15	10-15-15	
m,p-Xylene	**0.33**	0.053	EPA 8021B	10-15-15	10-15-15	
o-Xylene	**ND**	0.053	EPA 8021B	10-15-15	10-15-15	
Gasoline	**21**	5.3	NWTPH-Gx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*68-129*				
Client ID:	**KM-STP01-101515**					
Laboratory ID:	10-113-03					
Benzene	**0.055**	0.020	EPA 8021B	10-15-15	10-15-15	
Toluene	**ND**	0.062	EPA 8021B	10-15-15	10-15-15	
Ethyl Benzene	**4.7**	0.062	EPA 8021B	10-15-15	10-15-15	
m,p-Xylene	**1.9**	0.062	EPA 8021B	10-15-15	10-15-15	
o-Xylene	**ND**	0.062	EPA 8021B	10-15-15	10-15-15	
Gasoline	**36**	6.2	NWTPH-Gx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-CHAR01-101515**					
Laboratory ID:	10-113-04					
Benzene	**ND**	0.020	EPA 8021B	10-15-15	10-15-15	
Toluene	**ND**	0.063	EPA 8021B	10-15-15	10-15-15	
Ethyl Benzene	**0.41**	0.063	EPA 8021B	10-15-15	10-15-15	
m,p-Xylene	**0.49**	0.063	EPA 8021B	10-15-15	10-15-15	
o-Xylene	**0.19**	0.063	EPA 8021B	10-15-15	10-15-15	
Gasoline	**20**	6.3	NWTPH-Gx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1015S1					
Benzene	**ND**	0.020	EPA 8021B	10-15-15	10-15-15	
Toluene	**ND**	0.050	EPA 8021B	10-15-15	10-15-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-15-15	10-15-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	10-15-15	10-15-15	
o-Xylene	**ND**	0.050	EPA 8021B	10-15-15	10-15-15	
Gasoline	**ND**	5.0	NWTPH-Gx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-105-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*101*	*103*	*68-129*			
SPIKE BLANKS											
Laboratory ID:	SB1015S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**1.11**	**1.13**	1.00	1.00		**111**	**113**	76-124	2	17	
Toluene	**1.06**	**1.09**	1.00	1.00		**106**	**109**	78-124	3	16	
Ethyl Benzene	**1.05**	**1.06**	1.00	1.00		**105**	**106**	77-123	1	17	
m,p-Xylene	**1.04**	**1.06**	1.00	1.00		**104**	**106**	78-124	2	17	
o-Xylene	**1.03**	**1.05**	1.00	1.00		**103**	**105**	76-123	2	18	
Surrogate:											
Fluorobenzene						*101*	*101*	*68-129*			

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-STP01-101515**					
Laboratory ID:	10-113-03					
Diesel Range Organics	**74**	27	NWTPH-Dx	10-15-15	10-15-15	M
Lube Oil	**94**	55	NWTPH-Dx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				
Client ID:	**KM-CHAR01-101515**					
Laboratory ID:	10-113-04					
Diesel Range Organics	**230**	28	NWTPH-Dx	10-15-15	10-15-15	M,N
Lube Oil	**900**	55	NWTPH-Dx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1015S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-15-15	10-15-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	10-105-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*74* *98*	*50-150*			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-CHAR01-101515**					
Laboratory ID:	10-113-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Chloromethane	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Bromomethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Chloroethane	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Acetone	0.48	0.28	EPA 8260C	10-16-15	10-16-15	
Iodomethane	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Methylene Chloride	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Vinyl Acetate	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
2-Butanone	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Bromochloromethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Chloroform	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Benzene	0.0026	0.0011	EPA 8260C	10-15-15	10-15-15	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Trichloroethene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Dibromomethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Toluene	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-CHAR01-101515**					
Laboratory ID:	10-113-04					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
2-Hexanone	ND	0.0053	EPA 8260C	10-15-15	10-15-15	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Chlorobenzene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Ethylbenzene	0.14	0.0011	EPA 8260C	10-15-15	10-15-15	
m,p-Xylene	0.37	0.0021	EPA 8260C	10-15-15	10-15-15	
o-Xylene	0.15	0.0011	EPA 8260C	10-15-15	10-15-15	
Styrene	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Bromoform	ND	0.0011	EPA 8260C	10-15-15	10-15-15	
Isopropylbenzene	0.14	0.0053	EPA 8260C	10-15-15	10-15-15	
Bromobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,1,2,2-Tetrachloroethane	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,2,3-Trichloropropane	ND	0.057	EPA 8260C	10-16-15	10-16-15	
n-Propylbenzene	0.21	0.057	EPA 8260C	10-16-15	10-16-15	
2-Chlorotoluene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
4-Chlorotoluene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,3,5-Trimethylbenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
tert-Butylbenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,2,4-Trimethylbenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
sec-Butylbenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,3-Dichlorobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
p-Isopropyltoluene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,4-Dichlorobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,2-Dichlorobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
n-Butylbenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,2-Dibromo-3-chloropropane	ND	0.28	EPA 8260C	10-16-15	10-16-15	
1,2,4-Trichlorobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
Hexachlorobutadiene	ND	0.28	EPA 8260C	10-16-15	10-16-15	
Naphthalene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
1,2,3-Trichlorobenzene	ND	0.057	EPA 8260C	10-16-15	10-16-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*120*	*76-131*				
Toluene-d8	*105*	*83-126*				
4-Bromofluorobenzene	*98*	*60-146*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1015S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Chloromethane	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Bromomethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Chloroethane	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Acetone	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Iodomethane	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Methylene Chloride	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
2-Butanone	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Bromochloromethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Chloroform	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Benzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Trichloroethene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Dibromomethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Toluene	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1015S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
2-Hexanone	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Chlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Ethylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
m,p-Xylene	ND	0.0020	EPA 8260C	10-15-15	10-15-15	
o-Xylene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Styrene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Bromoform	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Bromobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-15-15	10-15-15	
Naphthalene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-15-15	10-15-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*120*	*76-131*				
Toluene-d8	*112*	*83-126*				
4-Bromofluorobenzene	*107*	*60-146*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1016S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Chloromethane	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Bromomethane	0.0043	0.0010	EPA 8260C	10-16-15	10-16-15	
Chloroethane	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Acetone	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Iodomethane	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Methylene Chloride	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
2-Butanone	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Bromochloromethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Chloroform	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Benzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Trichloroethene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Dibromomethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Toluene	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1016S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
2-Hexanone	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Chlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Ethylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
m,p-Xylene	ND	0.0020	EPA 8260C	10-16-15	10-16-15	
o-Xylene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Styrene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Bromoform	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Bromobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-16-15	10-16-15	
Naphthalene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-16-15	10-16-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*119*	*76-131*				
Toluene-d8	*114*	*83-126*				
4-Bromofluorobenzene	*110*	*60-146*				

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
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:	SB1015S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0512**	**0.0536**	0.0500	0.0500	102	107	68-126	5	15	
Benzene	**0.0526**	**0.0551**	0.0500	0.0500	105	110	75-121	5	15	
Trichloroethene	**0.0453**	**0.0484**	0.0500	0.0500	91	97	83-116	7	15	
Toluene	**0.0483**	**0.0514**	0.0500	0.0500	97	103	80-115	6	15	
Chlorobenzene	**0.0430**	**0.0460**	0.0500	0.0500	86	92	76-120	7	15	
Surrogate:										
Dibromofluoromethane					*103*	*112*	*76-131*			
Toluene-d8					*95*	*105*	*83-126*			
4-Bromofluorobenzene					*93*	*102*	*60-146*			

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Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

VOLATILES EPA 8260C
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:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0443**	**0.0422**	0.0500	0.0500	89	84	68-126	5	15	
Benzene	**0.0531**	**0.0506**	0.0500	0.0500	106	101	75-121	5	15	
Trichloroethene	**0.0458**	**0.0442**	0.0500	0.0500	92	88	83-116	4	15	
Toluene	**0.0510**	**0.0486**	0.0500	0.0500	102	97	80-115	5	15	
Chlorobenzene	**0.0440**	**0.0420**	0.0500	0.0500	88	84	76-120	5	15	
Surrogate:										
Dibromofluoromethane					*108*	*108*	*76-131*			
Toluene-d8					*102*	*102*	*83-126*			
4-Bromofluorobenzene					*98*	*97*	*60-146*			

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-113-03					
Client ID:	**KM-STP01-101515**					
Arsenic	**ND**	11	6010C	10-15-15	10-15-15	
Barium	**50**	2.7	6010C	10-15-15	10-15-15	
Cadmium	**ND**	0.55	6010C	10-15-15	10-15-15	
Chromium	**14**	0.55	6010C	10-15-15	10-15-15	
Lead	**38**	5.5	6010C	10-15-15	10-15-15	
Mercury	**ND**	0.27	7471B	10-16-15	10-16-15	
Selenium	**ND**	11	6010C	10-15-15	10-15-15	
Silver	**ND**	1.1	6010C	10-15-15	10-15-15	
Lab ID:	10-113-04					
Client ID:	**KM-CHAR01-101515**					
Arsenic	**ND**	11	6010C	10-15-15	10-15-15	
Barium	**57**	2.8	6010C	10-15-15	10-15-15	
Cadmium	**ND**	0.55	6010C	10-15-15	10-15-15	
Chromium	**10**	0.55	6010C	10-15-15	10-15-15	
Lead	**21**	5.5	6010C	10-15-15	10-15-15	
Mercury	**ND**	0.28	7471B	10-16-15	10-16-15	
Selenium	**ND**	11	6010C	10-15-15	10-15-15	
Silver	**1.2**	1.1	6010C	10-15-15	10-15-15	

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted: 10-15-15
Date Analyzed: 10-15-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1015SM1

Analyte	Method	Result	PQL
Arsenic	6010C	**ND**	10
Barium	6010C	**ND**	2.5
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Lead	6010C	**ND**	5.0
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	10-16-15
Date Analyzed:	10-16-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1016S1

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 10-15-15
Date Analyzed: 10-15-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-105-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**47.1**	**48.0**	2	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**12.5**	**12.6**	1	0.50	
Lead	**ND**	**ND**	NA	5.0	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	

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Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 10-16-15
Date Analyzed: 10-16-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-113-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 10-15-15
Date Analyzed: 10-15-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-105-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**101**	101	**102**	102	0	
Barium	100	**147**	99	**147**	100	0	
Cadmium	50.0	**50.0**	100	**49.8**	100	0	
Chromium	100	**110**	98	**109**	96	1	
Lead	250	**247**	99	**251**	101	2	
Selenium	100	**93.5**	93	**91.5**	92	2	
Silver	25.0	**23.3**	93	**23.3**	93	0	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 10-16-15
Date Analyzed: 10-16-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 10-113-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.540**	108	**0.515**	103	5	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 16, 2015
Samples Submitted: October 15, 2015
Laboratory Reference: 1510-113
Project: 0146970060

% MOISTURE

Date Analyzed: 10-15-15

Client ID	Lab ID	% Moisture
KM-R01-101515	10-113-01	13
KM-R02-101515	10-113-02	5
KM-STP01-101515	10-113-03	8
KM-CHAR01-101515	10-113-04	10

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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

Laboratory Number: 10-113

Company: AMEC FW
Project Number: 01469700 60
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: K. Karbines

Turnaround Request (in working days)
(Check One)
☒ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals (RCRA 8)	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM-R01-101515	10/15/15	1116	soil	2		X															
2	KM-R02-101515	10/15/15	1120	soil	2		X															
3	KM-STP01-101515	10/15/15	1233	soil	2		X		X									X				
4	KM-CHAR01-101515	10/15/15	1235	soil	2		X		X	X								X				
5	Trip Blanks	-	-	W	2																	

	Signature	Company	Date	Time
Relinquished	[signature]	AMEC FW	10/15/15	1350
Received	[signature]	Spdg	10/15/15	1350
Relinquished		"	"	1425
Received	[signature]	OSE	10/15/15	1425
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Send results to Kyle.karbines@amec.com ASAP
Homogenize samples thoroughly

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐
Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 21, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 0146970060
Laboratory Reference No. 1510-132

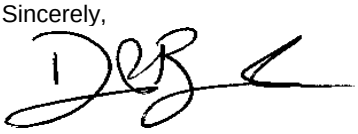
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 16, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 21, 2015
Samples Submitted: October 16, 2015
Laboratory Reference: 1510-132
Project: 0146970060

Case Narrative

Samples were collected on October 16, 2015 and received by the laboratory on October 16, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX 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 chromatogram for sample KM-R04-101615 is similar to mineral spirits.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 21, 2015
Samples Submitted: October 16, 2015
Laboratory Reference: 1510-132
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R03-101615**					
Laboratory ID:	10-132-01					
Benzene	**ND**	0.020	EPA 8021B	10-19-15	10-19-15	
Toluene	**ND**	0.076	EPA 8021B	10-19-15	10-19-15	
Ethyl Benzene	**ND**	0.076	EPA 8021B	10-19-15	10-19-15	
m,p-Xylene	**0.22**	0.076	EPA 8021B	10-19-15	10-19-15	
o-Xylene	**ND**	0.076	EPA 8021B	10-19-15	10-19-15	
Gasoline	**ND**	7.6	NWTPH-Gx	10-19-15	10-19-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*68-129*				
Client ID:	**KM-R04-101615**					
Laboratory ID:	10-132-02					
Benzene	**0.23**	0.020	EPA 8021B	10-19-15	10-19-15	
Toluene	**ND**	0.063	EPA 8021B	10-19-15	10-19-15	
Ethyl Benzene	**5.3**	0.063	EPA 8021B	10-19-15	10-19-15	
m,p-Xylene	**5.9**	1.3	EPA 8021B	10-19-15	10-20-15	
o-Xylene	**ND**	0.32	EPA 8021B	10-19-15	10-19-15	U1
Gasoline	**700**	130	NWTPH-Gx	10-19-15	10-20-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 21, 2015
Samples Submitted: October 16, 2015
Laboratory Reference: 1510-132
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1019S1					
Benzene	**ND**	0.020	EPA 8021B	10-19-15	10-19-15	
Toluene	**ND**	0.050	EPA 8021B	10-19-15	10-19-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-19-15	10-19-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	10-19-15	10-19-15	
o-Xylene	**ND**	0.050	EPA 8021B	10-19-15	10-19-15	
Gasoline	**ND**	5.0	NWTPH-Gx	10-19-15	10-19-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*68-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-136-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*104*	*108*	*68-129*			
SPIKE BLANKS											
Laboratory ID:	SB1019S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**1.08**	**1.15**	1.00	1.00		**108**	**115**	76-124	6	17	
Toluene	**1.03**	**1.10**	1.00	1.00		**103**	**110**	78-124	7	16	
Ethyl Benzene	**1.01**	**1.08**	1.00	1.00		**101**	**108**	77-123	7	17	
m,p-Xylene	**1.01**	**1.08**	1.00	1.00		**101**	**108**	78-124	7	17	
o-Xylene	**1.00**	**1.07**	1.00	1.00		**100**	**107**	76-123	7	18	
Surrogate:											
Fluorobenzene						*100*	*101*	*68-129*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 21, 2015
Samples Submitted: October 16, 2015
Laboratory Reference: 1510-132
Project: 0146970060

% MOISTURE

Date Analyzed: 10-19-15

Client ID	Lab ID	% Moisture
KM-R03-101615	10-132-01	10
KM-R04-101615	10-132-02	9

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: AMEC FW
Project Number: 01469700060
Project Name: Kelly Moore
Project Manager: T. Gray
Sampled by: K. Korbines

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 10-132

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM-R03-101615	10/16/15	1103	soil	2		X															X
2	KM-R04-101615	10/16/15	1150	soil	2		X															X
3	~~TRIP BLANK~~			~~W~~	2																	

	Signature	Company	Date	Time
Relinquished		AMEC FW	10/16/15	1347
Received	Van	Spdy	11	1347
Relinquished	11	11	11	1435
Received		AMEC	10/16/15	1435
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Homogenize samples thoroughly.

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 27, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 0146970060
Laboratory Reference No. 1510-148

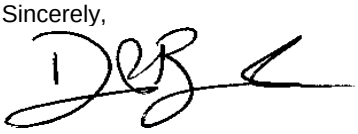
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 19, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 19, 2015
Laboratory Reference: 1510-148
Project: 0146970060

Case Narrative

Samples were collected on October 19, 2015 and received by the laboratory on October 19, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX 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 chromatograms for samples KM-R05-101915-2 and KM-R06-101915-6.5 are similar to mineral spirits.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 19, 2015
Laboratory Reference: 1510-148
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R05-101915-2**					
Laboratory ID:	10-148-01					
Benzene	**0.031**	0.020	EPA 8021B	10-20-15	10-26-15	
Toluene	**ND**	0.087	EPA 8021B	10-20-15	10-26-15	
Ethyl Benzene	**ND**	0.087	EPA 8021B	10-20-15	10-26-15	
m,p-Xylene	**0.41**	0.087	EPA 8021B	10-20-15	10-26-15	
o-Xylene	**ND**	0.087	EPA 8021B	10-20-15	10-26-15	
Gasoline	**230**	87.0	NWTPH-Gx	10-20-15	10-21-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*68-129*				
Client ID:	**KM-R06-101915-6.5**					
Laboratory ID:	10-148-02					
Benzene	**0.099**	0.020	EPA 8021B	10-20-15	10-21-15	
Toluene	**ND**	0.072	EPA 8021B	10-20-15	10-21-15	
Ethyl Benzene	**2.0**	0.072	EPA 8021B	10-20-15	10-21-15	
m,p-Xylene	**6.8**	0.072	EPA 8021B	10-20-15	10-21-15	
o-Xylene	**0.61**	0.072	EPA 8021B	10-20-15	10-21-15	
Gasoline	**140**	7.2	NWTPH-Gx	10-20-15	10-21-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 19, 2015
Laboratory Reference: 1510-148
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1020S2					
Benzene	**ND**	0.020	EPA 8021B	10-20-15	10-20-15	
Toluene	**ND**	0.050	EPA 8021B	10-20-15	10-20-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-20-15	10-20-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	10-20-15	10-20-15	
o-Xylene	**ND**	0.050	EPA 8021B	10-20-15	10-20-15	
Gasoline	**ND**	5.0	NWTPH-Gx	10-20-15	10-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-117-03										
	ORIG	DUP									
Benzene	**0.0667**	**0.0631**	NA	NA		NA		NA	6	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**6.18**	**6.37**	NA	NA		NA		NA	3	30	
Surrogate:											
Fluorobenzene						*82*	*80*	*68-129*			
SPIKE BLANKS											
Laboratory ID:	SB1020S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**1.09**	**1.11**	1.00	1.00		**109**	**111**	76-124	2	17	
Toluene	**1.05**	**1.07**	1.00	1.00		**105**	**107**	78-124	2	16	
Ethyl Benzene	**1.02**	**1.05**	1.00	1.00		**102**	**105**	77-123	3	17	
m,p-Xylene	**1.05**	**1.06**	1.00	1.00		**105**	**106**	78-124	1	17	
o-Xylene	**1.02**	**1.04**	1.00	1.00		**102**	**104**	76-123	2	18	
Surrogate:											
Fluorobenzene						*99*	*100*	*68-129*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 19, 2015
Laboratory Reference: 1510-148
Project: 0146970060

% MOISTURE

Date Analyzed: 10-20-15

Client ID	Lab ID	% Moisture
KM-R05-101915-2	10-148-01	6
KM-R06-101915-6.5	10-148-02	22

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec Foster Wheeler
Project Number: 01469700060
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Lindsey Davidge

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 10-148

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM-R05-101915-2	10/19/15	0820	soil	2		X															X
2	KM-R06-101915-6.5	10/19/15	0825	soil	2		X															X

	Signature	Company	Date	Time
Relinquished		Amec Foster Wheeler	10/19/15	1355
Received	Van	Spdx	11	1355
Relinquished	11	11	11	1645
Received		OSE	10/19/15	1645
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☒ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 26, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 014697006
Laboratory Reference No. 1510-153

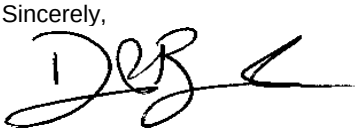
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 21, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

Case Narrative

Samples were collected on October 21, 2015 and received by the laboratory on October 21, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX (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.

The chromatograms for samples KM-R08-5-102015 and KM-R10-5-102015 are similar to mineral spirits.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R07-2-102015**					
Laboratory ID:	10-153-01					
Benzene	**ND**	0.020	EPA 8021B	10-21-15	10-21-15	
Toluene	**ND**	0.047	EPA 8021B	10-21-15	10-21-15	
Ethyl Benzene	**ND**	0.047	EPA 8021B	10-21-15	10-21-15	
m,p-Xylene	**0.11**	0.047	EPA 8021B	10-21-15	10-21-15	
o-Xylene	**ND**	0.047	EPA 8021B	10-21-15	10-21-15	
Gasoline	**ND**	4.7	NWTPH-Gx	10-21-15	10-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*68-129*				
Client ID:	**KM-R08-5-102015**					
Laboratory ID:	10-153-02					
Benzene	**0.18**	0.020	EPA 8021B	10-21-15	10-22-15	
Toluene	**ND**	0.095	EPA 8021B	10-21-15	10-22-15	
Ethyl Benzene	**8.6**	0.95	EPA 8021B	10-21-15	10-21-15	
m,p-Xylene	**6.9**	0.095	EPA 8021B	10-21-15	10-22-15	
o-Xylene	**ND**	0.095	EPA 8021B	10-21-15	10-22-15	
Gasoline	**99**	9.5	NWTPH-Gx	10-21-15	10-22-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*110*	*68-129*				
Client ID:	**KM-R09-2-102015**					
Laboratory ID:	10-153-03					
Benzene	**ND**	0.020	EPA 8021B	10-21-15	10-21-15	
Toluene	**ND**	0.045	EPA 8021B	10-21-15	10-21-15	
Ethyl Benzene	**ND**	0.045	EPA 8021B	10-21-15	10-21-15	
m,p-Xylene	**ND**	0.045	EPA 8021B	10-21-15	10-21-15	
o-Xylene	**ND**	0.045	EPA 8021B	10-21-15	10-21-15	
Gasoline	**ND**	4.5	NWTPH-Gx	10-21-15	10-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R10-5-102015**					
Laboratory ID:	10-153-04					
Benzene	**ND**	0.020	EPA 8021B	10-21-15	10-22-15	
Toluene	**ND**	0.10	EPA 8021B	10-21-15	10-22-15	
Ethyl Benzene	**0.27**	0.10	EPA 8021B	10-21-15	10-22-15	
m,p-Xylene	**2.7**	0.10	EPA 8021B	10-21-15	10-22-15	
o-Xylene	**ND**	0.10	EPA 8021B	10-21-15	10-22-15	U1
Gasoline	**1400**	100	NWTPH-Gx	10-21-15	10-21-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-129*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1021S1					
Benzene	**ND**	0.020	EPA 8021B	10-21-15	10-21-15	
Toluene	**ND**	0.050	EPA 8021B	10-21-15	10-21-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-21-15	10-21-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	10-21-15	10-21-15	
o-Xylene	**ND**	0.050	EPA 8021B	10-21-15	10-21-15	
Gasoline	**ND**	5.0	NWTPH-Gx	10-21-15	10-21-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*68-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-151-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*104*	*104*	*68-129*			
SPIKE BLANKS											
Laboratory ID:	SB1021S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.918**	**0.992**	1.00	1.00		**92**	**99**	76-124	8	17	
Toluene	**0.878**	**0.965**	1.00	1.00		**88**	**97**	78-124	9	16	
Ethyl Benzene	**0.897**	**0.986**	1.00	1.00		**90**	**99**	77-123	9	17	
m,p-Xylene	**0.858**	**0.951**	1.00	1.00		**86**	**95**	78-124	10	17	
o-Xylene	**0.890**	**0.976**	1.00	1.00		**89**	**98**	76-123	9	18	
Surrogate:											
Fluorobenzene						*88*	*93*	*68-129*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	10-153-05					
Benzene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Toluene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Ethyl Benzene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
m,p-Xylene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
o-Xylene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Gasoline	**ND**	100	NWTPH-Gx	10-20-15	10-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*71-111*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1020W1					
Benzene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Toluene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Ethyl Benzene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
m,p-Xylene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
o-Xylene	**ND**	1.0	EPA 8021B	10-20-15	10-20-15	
Gasoline	**ND**	100	NWTPH-Gx	10-20-15	10-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*71-111*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-141-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**1.39**	**1.23**	NA	NA		NA		NA	12	30	
Ethyl Benzene	**9.99**	**9.30**	NA	NA		NA		NA	7	30	
m,p-Xylene	**23.4**	**20.9**	NA	NA		NA		NA	11	30	
o-Xylene	**4.29**	**3.70**	NA	NA		NA		NA	15	30	
Gasoline	**393**	**375**	NA	NA		NA		NA	5	30	
Surrogate:											
Fluorobenzene						*98*	*98*	*71-111*			
SPIKE BLANKS											
Laboratory ID:	SB1020W1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**49.0**	**48.4**	50.0	50.0		**98**	**97**	83-119	1	13	
Toluene	**47.5**	**46.5**	50.0	50.0		**95**	**93**	83-120	2	13	
Ethyl Benzene	**48.6**	**47.3**	50.0	50.0		**97**	**95**	82-120	3	12	
m,p-Xylene	**46.6**	**45.4**	50.0	50.0		**93**	**91**	80-122	3	13	
o-Xylene	**48.3**	**47.7**	50.0	50.0		**97**	**95**	80-120	1	10	
Surrogate:											
Fluorobenzene						*92*	*94*	*71-111*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 26, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-153
Project: 014697006

% MOISTURE

Date Analyzed: 10-21-15

Client ID	Lab ID	% Moisture
KM-R07-2-102015	10-153-01	7
KM-R08-5-102015	10-153-02	14
KM-R09-2-102015	10-153-03	9
KM-R10-5-102015	10-153-04	7

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The chromatograms are similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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

Laboratory Number: 10-153

Company: AMEC Foster Wheeler
Project Number: 01469700660
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Jennifer Bellamy

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM-R07-2-102015	10/20/15	7:18	Soil	5		X															X
2	KM-R08-5-102015	10/20/15	7:25	Soil	5		X															
3	KM-R09-2-102015	10/20/15	13:52	Soil	2		X															
4	KM-R10-5-102015	10/20/15	13:55	Soil	2		X															
5	Trip Blank	—	—	Water	1		X															

	Signature	Company	Date	Time
Relinquished	Jennifer Bellamy	AMEC Foster Wheeler	10/20/15	14:36
Received	Van	JPay	11	11
Relinquished	11	11	11	1600
Received		OSE	10/20/15	1600
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 27, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 0146970060
Laboratory Reference No. 1510-166

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on October 21, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

Case Narrative

Samples were collected on October 21, 2015 and received by the laboratory on October 21, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX (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.

The chromatogram for sample KM-R12-5-102115 is similar to mineral spirits.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R11-2-102115**					
Laboratory ID:	10-166-01					
Benzene	**ND**	0.020	EPA 8021B	10-22-15	10-22-15	
Toluene	**ND**	0.068	EPA 8021B	10-22-15	10-22-15	
Ethyl Benzene	**0.078**	0.068	EPA 8021B	10-22-15	10-22-15	
m,p-Xylene	**0.33**	0.068	EPA 8021B	10-22-15	10-22-15	
o-Xylene	**ND**	0.068	EPA 8021B	10-22-15	10-22-15	
Gasoline	**9.3**	6.8	NWTPH-Gx	10-22-15	10-22-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***89***	***68-129***				
Client ID:	**KM-R12-5-102115**					
Laboratory ID:	10-166-02					
Benzene	**0.075**	0.058	EPA 8021B	10-22-15	10-26-15	
Toluene	**ND**	0.29	EPA 8021B	10-22-15	10-26-15	
Ethyl Benzene	**0.89**	0.29	EPA 8021B	10-22-15	10-26-15	
m,p-Xylene	**7.5**	0.29	EPA 8021B	10-22-15	10-26-15	
o-Xylene	**ND**	1.5	EPA 8021B	10-22-15	10-26-15	U1
Gasoline	**5000**	290	NWTPH-Gx	10-22-15	10-26-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***82***	***68-129***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1022S1					
Benzene	**ND**	0.020	EPA 8021B	10-22-15	10-22-15	
Toluene	**ND**	0.050	EPA 8021B	10-22-15	10-22-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-22-15	10-22-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	10-22-15	10-22-15	
o-Xylene	**ND**	0.050	EPA 8021B	10-22-15	10-22-15	
Gasoline	**ND**	5.0	NWTPH-Gx	10-22-15	10-22-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-129***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-166-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**0.0669**	**0.0686**	NA	NA		NA		NA	3	30	
m,p-Xylene	**0.286**	**0.298**	NA	NA		NA		NA	4	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**7.99**	**8.57**	NA	NA		NA		NA	7	30	
Surrogate:											
Fluorobenzene						***89***	***90***	***68-129***			
SPIKE BLANKS											
Laboratory ID:	SB1022S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.960**	**1.06**	1.00	1.00		**96**	**106**	76-124	10	17	
Toluene	**0.928**	**1.03**	1.00	1.00		**93**	**103**	78-124	10	16	
Ethyl Benzene	**0.914**	**1.01**	1.00	1.00		**91**	**101**	77-123	10	17	
m,p-Xylene	**0.920**	**1.02**	1.00	1.00		**92**	**102**	78-124	10	17	
o-Xylene	**0.934**	**1.01**	1.00	1.00		**93**	**101**	76-123	8	18	
Surrogate:											
Fluorobenzene						***88***	***96***	***68-129***			

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Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	10-166-03					
Benzene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Toluene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Ethyl Benzene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
m,p-Xylene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
o-Xylene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Gasoline	**ND**	100	NWTPH-Gx	10-22-15	10-22-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***89***	***71-111***				

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Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1022W1					
Benzene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Toluene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Ethyl Benzene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
m,p-Xylene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
o-Xylene	**ND**	1.0	EPA 8021B	10-22-15	10-22-15	
Gasoline	**ND**	100	NWTPH-Gx	10-22-15	10-22-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***71-111***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-145-02										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***89***	***89***	***71-111***			
MATRIX SPIKES											
Laboratory ID:	10-145-02										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**51.4**	**55.3**	50.0	50.0	ND	**103**	**111**	83-123	7	15	
Toluene	**48.6**	**51.9**	50.0	50.0	ND	**97**	**104**	83-124	7	16	
Ethyl Benzene	**48.5**	**51.5**	50.0	50.0	ND	**97**	**103**	82-123	6	15	
m,p-Xylene	**48.3**	**51.2**	50.0	50.0	ND	**97**	**102**	81-125	6	17	
o-Xylene	**48.2**	**51.0**	50.0	50.0	ND	**96**	**102**	82-123	6	15	
Surrogate:											
Fluorobenzene						***95***	***99***	***71-111***			

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Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

NWTPH-Gx/BTEX
SPIKE BLANK QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK								
Laboratory ID:	SB1022W1							
	SB	SB		SB				
Benzene	**47.5**	50.0	NA	**95**	83-119	NA	13	
Toluene	**46.5**	50.0	NA	**93**	83-120	NA	13	
Ethyl Benzene	**47.7**	50.0	NA	**95**	82-120	NA	12	
m,p-Xylene	**45.7**	50.0	NA	**91**	80-122	NA	13	
o-Xylene	**47.4**	50.0	NA	**95**	80-120	NA	10	
Surrogate:								
Fluorobenzene				***93***	***71-111***			

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 27, 2015
Samples Submitted: October 21, 2015
Laboratory Reference: 1510-166
Project: 0146970060

% MOISTURE

Date Analyzed: 10-22-15

Client ID	Lab ID	% Moisture
KM-R11-2-102115	10-166-01	14
KM-R12-5-102115	10-166-02	9

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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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: AMEC Foster Wheeler
Project Number: 01469700060
Project Name: Kelly Moore
Project Manager: Tasya Gray
Sampled by: Kyle Korbines

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 10-166

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	KM-R11-2-102115	10/21/15	0825	soil	2		X															X
2	KM-R12-5-102115	10/21/15	0840	soil	2		X															↓
3	Trip Blank	-	-	w	2		X															

	Signature	Company	Date	Time
Relinquished	Kyle M.	AMEC FW	10/21/15	1229
Received	DerekB	SPEEDY MSGR	10-21-15	1229
Relinquished	DerekB	Speedy	10-21-15	1:10
Received		082E	10/21/15	1310
Relinquished				
Received				

Comments/Special Instructions

Homogenize samples thoroughly.

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 5, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 0146970060
Laboratory Reference No. 1511-018

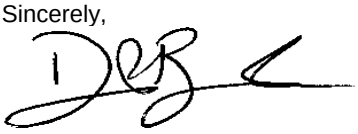
Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on November 3, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

Case Narrative

Samples were collected on November 3, 2015 and received by the laboratory on November 3, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX 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 sample chromatograms are similar to mineral spirits with diesel.

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.

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Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-R13-3-110315**					
Laboratory ID:	11-018-01					
Benzene	**ND**	0.020	EPA 8021B	11-4-15	11-5-15	
Toluene	**ND**	0.057	EPA 8021B	11-4-15	11-5-15	
Ethyl Benzene	**ND**	0.057	EPA 8021B	11-4-15	11-5-15	
m,p-Xylene	**0.13**	0.057	EPA 8021B	11-4-15	11-5-15	
o-Xylene	**ND**	0.057	EPA 8021B	11-4-15	11-5-15	
Gasoline	**100**	5.7	NWTPH-Gx	11-4-15	11-5-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*68-129*				
Client ID:	**KM-STP02-110315**					
Laboratory ID:	11-018-02					
Benzene	**ND**	0.020	EPA 8021B	11-4-15	11-4-15	
Toluene	**ND**	0.060	EPA 8021B	11-4-15	11-4-15	
Ethyl Benzene	**ND**	0.060	EPA 8021B	11-4-15	11-4-15	
m,p-Xylene	**ND**	0.060	EPA 8021B	11-4-15	11-4-15	
o-Xylene	**ND**	0.060	EPA 8021B	11-4-15	11-4-15	
Gasoline	**21**	6.0	NWTPH-Gx	11-4-15	11-4-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*68-129*				

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Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1104S1					
Benzene	**ND**	0.020	EPA 8021B	11-4-15	11-4-15	
Toluene	**ND**	0.050	EPA 8021B	11-4-15	11-4-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	11-4-15	11-4-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	11-4-15	11-4-15	
o-Xylene	**ND**	0.050	EPA 8021B	11-4-15	11-4-15	
Gasoline	**ND**	5.0	NWTPH-Gx	11-4-15	11-4-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*68-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-020-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*93*	*94*	*68-129*			
SPIKE BLANKS											
Laboratory ID:	SB1104S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.926**	**0.982**	1.00	1.00		**93**	**98**	76-124	6	17	
Toluene	**0.975**	**1.08**	1.00	1.00		**98**	**108**	78-124	10	16	
Ethyl Benzene	**0.990**	**1.03**	1.00	1.00		**99**	**103**	77-123	4	17	
m,p-Xylene	**0.998**	**1.07**	1.00	1.00		**100**	**107**	78-124	7	17	
o-Xylene	**0.998**	**1.03**	1.00	1.00		**100**	**103**	76-123	3	18	
Surrogate:											
Fluorobenzene						*95*	*95*	*68-129*			

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Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-STP02-110315**					
Laboratory ID:	11-018-02					
Diesel Range Organics	**110**	28	NWTPH-Dx	11-4-15	11-4-15	M,N
Lube Oil	**690**	55	NWTPH-Dx	11-4-15	11-4-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

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Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1104S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	11-4-15	11-4-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	11-4-15	11-4-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*72*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	10-258-06									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*84* *60*	*50-150*			
SPIKE BLANK										
Laboratory ID:	SB1104S1									
Diesel Fuel #2	**102**		100		NA	**102**	61-130	NA	NA	
Surrogate:										
o-Terphenyl						*108*	*50-150*			

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Date of Report: November 5, 2015
Samples Submitted: November 3, 2015
Laboratory Reference: 1511-018
Project: 0146970060

% MOISTURE

Date Analyzed: 11-4-15

Client ID	Lab ID	% Moisture
KM-R13-3-110315	11-018-01	8
KM-STP02-110315	11-018-02	9

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits with diesel.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: 11-018

Company: AMEC FOSTER WHEELER
Project Number: 01469700060
Project Name: Kelly Moore
Project Manager: Tasya Gray.
Sampled by: Sheideh Behrouzi.

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	1 day TA	% Moisture
1	KM-R13-3-110315	11/03/15	1400	soil	3		X																X
2	KM-STP02-110315	11/03/15	1330	soil	3		X		X													X	X
3	Trip Blanks	-	-	water	4																		

	Signature	Company	Date	Time
Relinquished	S Behrouzi	AMEC FW	11/3/15	1430
Received	Cameron Davis	Thunder dog	11/3/15	1430
Relinquished				
Received			11/3/15	1505
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Homogenize samples thoroughly
(X) 1 day TA
11/4/15

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 6, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 16110
Laboratory Reference No. 1502-247

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. 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.

cPAHs EPA 8270D/SIM Analysis

Sample KM-32-SW-1.5 had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-NW-1.5**					
Laboratory ID:	02-247-01					
Benzo[a]anthracene	**0.84**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**1.3**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**1.6**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**0.96**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**1.2**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**0.87**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**0.46**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***63***	***32 - 114***				
Pyrene-d10	***65***	***33 - 121***				
Terphenyl-d14	***94***	***31 - 116***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-SW-1.5**					
Laboratory ID:	02-247-02					
Benzo[a]anthracene	**1.6**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**2.1**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**2.8**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**1.7**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**2.0**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**1.3**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**0.68**	0.38	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***64***	***32 - 114***				
Pyrene-d10	***76***	***33 - 121***				
Terphenyl-d14	***174***	***31 - 116***				Q

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-EW-1.5**					
Laboratory ID:	02-247-03					
Benzo[a]anthracene	**2.8**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**3.9**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**6.0**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**2.6**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**3.7**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**2.8**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**1.6**	0.16	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***82***	***32 - 114***				
Pyrene-d10	***80***	***33 - 121***				
Terphenyl-d14	***109***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-WW-1.5**					
Laboratory ID:	02-247-04					
Benzo[a]anthracene	**3.8**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**7.9**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**10**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**3.5**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**3.3**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**3.2**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**1.7**	0.15	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***66***	***32 - 114***				
Pyrene-d10	***69***	***33 - 121***				
Terphenyl-d14	***101***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-32-Bot-2.5**					
Laboratory ID:	02-247-05					
Benzo[a]anthracene	**1.7**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**2.1**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**2.5**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**1.4**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**1.9**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**1.2**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**0.59**	0.39	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***61***	***32 - 114***				
Pyrene-d10	***75***	***33 - 121***				
Terphenyl-d14	***111***	***31 - 116***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0304S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***101***	***32 - 114***				
Pyrene-d10	***85***	***33 - 121***				
Terphenyl-d14	***81***	***31 - 116***				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

cPAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-255-06										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	**0.0443**	**0.0497**	0.0833	0.0833	ND	53	60	42 - 134	11	27	
Chrysene	**0.0746**	**0.0809**	0.0833	0.0833	ND	90	97	45 - 114	8	27	
Benzo[b]fluoranthene	**0.0506**	**0.0514**	0.0833	0.0833	ND	61	62	38 - 131	2	33	
Benzo(j,k)fluoranthene	**0.0549**	**0.0679**	0.0833	0.0833	ND	66	82	44 - 114	21	34	
Benzo[a]pyrene	**0.0636**	**0.0704**	0.0833	0.0833	ND	76	85	40 - 136	10	29	
Indeno(1,2,3-c,d)pyrene	**0.0612**	**0.0693**	0.0833	0.0833	ND	73	83	45 - 126	12	30	
Dibenz[a,h]anthracene	**0.0624**	**0.0703**	0.0833	0.0833	ND	75	84	46 - 121	12	28	
Surrogate:											
2-Fluorobiphenyl						***74***	***85***	***32 - 114***			
Pyrene-d10						***69***	***77***	***33 - 121***			
Terphenyl-d14						***68***	***76***	***31 - 116***			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-247
Project: 16110

% MOISTURE

Date Analyzed: 3-4-15

Client ID	Lab ID	% Moisture
KM-32-NW-1.5	02-247-01	16
KM-32-SW-1.5	02-247-02	13
KM-32-EW-1.5	02-247-03	15
KM-32-WW-1.5	02-247-04	10
KM-32-Bot-2.5	02-247-05	14

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec
Project Number: 16110
Project Name: New Core Dev. Soil ex.
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 02-247

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs						% Moisture
1	KM-32-NW-1.5	2/26/15	0920	Soil	1																	X						10
2	KM-32-SW-1.5		0924																									
3	KM-32-EW-1.5		0928																									
4	KM-32-WW-1.5		0932																									
5	KM-32-Bot-2.5		0940																									

	Signature	Company	Date	Time
Relinquished		AMEC	2/26/15	2030
Received		GPRS	2/27/15	845
Relinquished		GPRS	2/27/15	1034
Received		OSE	2/27/15	1034
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 6, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1502-248

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

Case Narrative

Samples were collected on February 26, 2015 and received by the laboratory on February 27, 2015. 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/BTEX 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 chromatograms for samples KM-19-NW-4.5, KM-19-EW-5.0, KM-19-Bot-7.0, KM-30-Bot-5.5, KM-30-SW-5.0, KM-30-WW-4.0, KM-30-NW-4.0 and KM-30-EW-4.0 are similar to mineral spirits.

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.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-19-NW-4.5**					
Laboratory ID:	02-248-01					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.039	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.039	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**0.10**	0.039	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.039	EPA 8021B	2-27-15	3-2-15	
Gasoline	**56**	3.9	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***86***	***68-123***				
Client ID:	**KM-19-SW-4.5**					
Laboratory ID:	02-248-02					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.040	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.040	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**0.059**	0.040	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.040	EPA 8021B	2-27-15	3-2-15	
Gasoline	**ND**	4.0	NWTPH-Gx	2-27-15	3-2-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***86***	***68-123***				
Client ID:	**KM-19-EW-5.0**					
Laboratory ID:	02-248-03					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.045	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.045	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**0.080**	0.045	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.045	EPA 8021B	2-27-15	3-2-15	
Gasoline	**36**	4.5	NWTPH-Gx	2-27-15	3-2-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***108***	***68-123***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-19-WW-5.0**					
Laboratory ID:	02-248-04					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.054	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.054	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**ND**	0.054	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.054	EPA 8021B	2-27-15	3-2-15	
Gasoline	**ND**	5.4	NWTPH-Gx	2-27-15	3-2-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***86***	***68-123***				
Client ID:	**KM-19-Bot-7.0**					
Laboratory ID:	02-248-05					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.10	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.10	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**0.44**	0.10	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.10	EPA 8021B	2-27-15	3-2-15	
Gasoline	**420**	51	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***68-123***				
Client ID:	**KM-30-Bot-5.5**					
Laboratory ID:	02-248-10					
Benzene	**0.16**	0.023	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.12	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**0.91**	0.12	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**7.4**	0.12	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	1.2	EPA 8021B	2-27-15	3-2-15	U1
Gasoline	**2400**	580	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***81***	***68-123***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-SW-5.0**					
Laboratory ID:	02-248-11					
Benzene	**0.13**	0.022	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.11	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**0.93**	0.11	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**8.4**	0.11	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	1.1	EPA 8021B	2-27-15	3-2-15	U1
Gasoline	**2500**	560	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***79***	***68-123***				
Client ID:	**KM-30-WW-4.0**					
Laboratory ID:	02-248-12					
Benzene	**0.18**	0.024	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.12	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**1.0**	0.12	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**8.5**	0.12	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	1.2	EPA 8021B	2-27-15	3-2-15	U1
Gasoline	**2600**	600	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***81***	***68-123***				
Client ID:	**KM-30-NW-4.0**					
Laboratory ID:	02-248-13					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.051	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**ND**	0.051	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**0.19**	0.051	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	0.051	EPA 8021B	2-27-15	3-2-15	
Gasoline	**100**	5.1	NWTPH-Gx	2-27-15	3-2-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-123***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-EW-4.0**					
Laboratory ID:	02-248-14					
Benzene	**0.17**	0.021	EPA 8021B	2-27-15	3-2-15	
Toluene	**ND**	0.10	EPA 8021B	2-27-15	3-2-15	
Ethyl Benzene	**1.3**	0.10	EPA 8021B	2-27-15	3-2-15	
m,p-Xylene	**9.8**	0.10	EPA 8021B	2-27-15	3-2-15	
o-Xylene	**ND**	2.0	EPA 8021B	2-27-15	3-2-15	U1
Gasoline	**3500**	520	NWTPH-Gx	2-27-15	3-4-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***81***	***68-123***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0227S1					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	2-27-15	
Toluene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
o-Xylene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
Gasoline	**ND**	5.0	NWTPH-Gx	2-27-15	2-27-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***87***	***68-123***				
Laboratory ID:	MB0227S2					
Benzene	**ND**	0.020	EPA 8021B	2-27-15	2-27-15	
Toluene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
o-Xylene	**ND**	0.050	EPA 8021B	2-27-15	2-27-15	
Gasoline	**ND**	5.0	NWTPH-Gx	2-27-15	2-27-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***91***	***68-123***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-243-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***91***	***95***	***68-123***			
Laboratory ID:	02-248-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**0.0910**	**0.0874**	NA	NA		NA		NA	4	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**49.7**	**39.4**	NA	NA		NA		NA	23	30	
Surrogate:											
Fluorobenzene						***86***	***76***	***68-123***			
SPIKE BLANKS											
Laboratory ID:	SB0227S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.871**	**0.909**	1.00	1.00		**87**	**91**	75-117	4	13	
Toluene	**0.885**	**0.920**	1.00	1.00		**89**	**92**	78-118	4	12	
Ethyl Benzene	**0.858**	**0.899**	1.00	1.00		**86**	**90**	78-118	5	12	
m,p-Xylene	**0.870**	**0.908**	1.00	1.00		**87**	**91**	78-121	4	13	
o-Xylene	**0.855**	**0.883**	1.00	1.00		**86**	**88**	77-119	3	13	
Surrogate:											
Fluorobenzene						***87***	***90***	***68-123***			

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-Bot-5.5**					
Laboratory ID:	02-248-10					
Benzo[a]anthracene	**0.30**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**0.30**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**0.22**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**0.15**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**0.25**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**0.14**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**0.057**	0.0086	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***67***	***32 - 114***				
Pyrene-d10	***70***	***33 - 121***				
Terphenyl-d14	***68***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-SW-5.0**					
Laboratory ID:	02-248-11					
Benzo[a]anthracene	**0.62**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Chrysene	**0.66**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[b]fluoranthene	**0.34**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo(j,k)fluoranthene	**0.37**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[a]pyrene	**0.55**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Indeno(1,2,3-c,d)pyrene	**0.26**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Dibenz[a,h]anthracene	**0.14**	0.0087	EPA 8270D/SIM	3-4-15	3-4-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***74***	***32 - 114***				
Pyrene-d10	***82***	***33 - 121***				
Terphenyl-d14	***93***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-WW-4.0**					
Laboratory ID:	02-248-12					
Benzo[a]anthracene	**0.78**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Chrysene	**0.79**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[b]fluoranthene	**0.54**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo(j,k)fluoranthene	**0.37**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[a]pyrene	**0.69**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Indeno(1,2,3-c,d)pyrene	**0.33**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Dibenz[a,h]anthracene	**0.17**	0.0089	EPA 8270D/SIM	3-4-15	3-4-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***73***	***32 - 114***				
Pyrene-d10	***68***	***33 - 121***				
Terphenyl-d14	***71***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-NW-4.0**					
Laboratory ID:	02-248-13					
Benzo[a]anthracene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Chrysene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[b]fluoranthene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270D/SIM	3-4-15	3-4-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***75***	***32 - 114***				
Pyrene-d10	***69***	***33 - 121***				
Terphenyl-d14	***64***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-30-EW-4.0**					
Laboratory ID:	02-248-14					
Benzo[a]anthracene	**0.32**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Chrysene	**0.35**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[b]fluoranthene	**0.24**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo(j,k)fluoranthene	**0.16**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Benzo[a]pyrene	**0.30**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Indeno(1,2,3-c,d)pyrene	**0.15**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Dibenz[a,h]anthracene	**0.082**	0.0083	EPA 8270D/SIM	3-4-15	3-4-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***70***	***32 - 114***				
Pyrene-d10	***75***	***33 - 121***				
Terphenyl-d14	***76***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0304S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-4-15	3-5-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***101***	***32 - 114***				
Pyrene-d10	***85***	***33 - 121***				
Terphenyl-d14	***81***	***31 - 116***				

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

cPAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-255-06										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	**0.0443**	**0.0497**	0.0833	0.0833	ND	53	60	42 - 134	11	27	
Chrysene	**0.0746**	**0.0809**	0.0833	0.0833	ND	90	97	45 - 114	8	27	
Benzo[b]fluoranthene	**0.0506**	**0.0514**	0.0833	0.0833	ND	61	62	38 - 131	2	33	
Benzo(j,k)fluoranthene	**0.0549**	**0.0679**	0.0833	0.0833	ND	66	82	44 - 114	21	34	
Benzo[a]pyrene	**0.0636**	**0.0704**	0.0833	0.0833	ND	76	85	40 - 136	10	29	
Indeno(1,2,3-c,d)pyrene	**0.0612**	**0.0693**	0.0833	0.0833	ND	73	83	45 - 126	12	30	
Dibenz[a,h]anthracene	**0.0624**	**0.0703**	0.0833	0.0833	ND	75	84	46 - 121	12	28	
Surrogate:											
2-Fluorobiphenyl						***74***	***85***	***32 - 114***			
Pyrene-d10						***69***	***77***	***33 - 121***			
Terphenyl-d14						***68***	***76***	***31 - 116***			

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Date of Report: March 6, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-248
Project: 14697

% MOISTURE

Date Analyzed: 3-2-15

Client ID	Lab ID	% Moisture
KM-19-NW-4.5	02-248-01	11
KM-19-SW-4.5	02-248-02	11
KM-19-EW-5.0	02-248-03	26
KM-19-WW-5.0	02-248-04	24
KM-19-Bot-7.0	02-248-05	27
KM-30-Bot-5.5	02-248-10	22
KM-30-SW-5.0	02-248-11	23
KM-30-WW-4.0	02-248-12	25
KM-30-NW-4.0	02-248-13	17
KM-30-EW-4.0	02-248-14	19

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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec
Project Number: 14697
Project Name: Kelly-Moore Soil Excavations
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 02-248

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx /BTEX	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs	Archive				% Moisture
1	KM-19-NW-4.5	2/26/15	0830	Soil	2			X																			X
2	KM-19-SW-4.5		0825					X																			
3	KM-19-EW-5.0		0820					X																			
4	KM-19-WW-5.0		0810					X																			
5	KM-19-Bot-7.0		0815					X																			
6	KM-30-NW-2.5		1149																				X				
7	KM-30-SW-3.0		1125																				X				
8	KM-30-EW-3.0		1205																				X				
9	KM-30-WW-3.0		1138																				X				
10	KM-30-Bot-5.5		1135					X														X					X

	Signature	Company	Date	Time
Relinquished		Amec	2/26/15	2030
Received		GPRS	2/27/15	0614
Relinquished		GPRS	2/27/15	10:34
Received		OSE	2/27/15	1034
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ 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

Company: Amec
Project Number: 14697
Project Name: Kelly-Moore soil excavations
Project Manager: Tasya Gray
Sampled by: Nathan Moxley

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: 02-248

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs					% Moisture
11	KM-30-SW-5.0	2/26/15	1129	Soil	2			X														X					X
12	KM-30-WW-4.0	↓	1145	↓	↓			X														X					↓
13	KM-30-NW-4.0		1156					X														X					
14	KM-30-EW-4.0		1210					X														X					

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Amec	2/26/15	2030	
Received		GPreddy	2/27/15	8441	
Relinquished		GPreddy	2/27/15	1034	
Received			2/27/15	1034	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 17, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-052

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 6, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

Case Narrative

Samples were collected on March 5, 2015 and received by the laboratory on March 6, 2015. 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/BTEX 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 chromatograms for samples KM-39-B1-4.5, KM-39-EW-3.5, KM-39-WW-3.5 and KM-39-SW-3.5 are similar to mineral spirits.

cPAHs EPA 8270D/SIM Analysis

Due to the matrix of samples KM-39-B1-4.5 and KM-39-WW-3.5, the last two internal standards Chrysene-d12 and Perylene-d12 were recovered outside of method specified QC limits. The samples were reanalyzed at different dilutions with similar results. All results, including Practical Quantitation Limits, from Benzo[a]anthracene onward should be considered estimates.

Due to the matrix of sample KM-39-EW-3.5 the last internal standard Perylene-d12 was recovered outside of method specified QC limits. The samples were reanalyzed at different dilutions with similar results. All results, including Practical Quantitation Limits, from Benzo[b]fluoranthene 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.

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-B1-4.5**					
Laboratory ID:	03-052-01					
Benzene	**0.048**	0.024	EPA 8021B	3-9-15	3-10-15	
Toluene	**ND**	0.12	EPA 8021B	3-9-15	3-10-15	
Ethyl Benzene	**0.30**	0.12	EPA 8021B	3-9-15	3-10-15	
m,p-Xylene	**2.5**	0.12	EPA 8021B	3-9-15	3-10-15	
o-Xylene	**ND**	0.60	EPA 8021B	3-9-15	3-10-15	U1
Gasoline	**1600**	120	NWTPH-Gx	3-9-15	3-9-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***68-123***				
Client ID:	**KM-39-EW-3.5**					
Laboratory ID:	03-052-02					
Benzene	**0.48**	0.020	EPA 8021B	3-9-15	3-10-15	
Toluene	**0.19**	0.082	EPA 8021B	3-9-15	3-10-15	
Ethyl Benzene	**13**	1.6	EPA 8021B	3-9-15	3-11-15	
m,p-Xylene	**24**	1.6	EPA 8021B	3-9-15	3-11-15	
o-Xylene	**3.9**	0.082	EPA 8021B	3-9-15	3-10-15	
Gasoline	**1200**	160	NWTPH-Gx	3-9-15	3-11-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***85***	***68-123***				
Client ID:	**KM-39-NW-3.5**					
Laboratory ID:	03-052-03					
Benzene	**ND**	0.020	EPA 8021B	3-9-15	3-9-15	
Toluene	**ND**	0.072	EPA 8021B	3-9-15	3-9-15	
Ethyl Benzene	**ND**	0.072	EPA 8021B	3-9-15	3-9-15	
m,p-Xylene	**ND**	0.072	EPA 8021B	3-9-15	3-9-15	
o-Xylene	**ND**	0.072	EPA 8021B	3-9-15	3-9-15	
Gasoline	**ND**	7.2	NWTPH-Gx	3-9-15	3-9-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***68-123***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-WW-3.5**					
Laboratory ID:	03-052-04					
Benzene	**0.24**	0.046	EPA 8021B	3-9-15	3-9-15	
Toluene	**ND**	0.23	EPA 8021B	3-9-15	3-9-15	
Ethyl Benzene	**0.64**	0.23	EPA 8021B	3-9-15	3-9-15	
m,p-Xylene	**5.9**	0.23	EPA 8021B	3-9-15	3-9-15	
o-Xylene	**ND**	1.2	EPA 8021B	3-9-15	3-9-15	U1
Gasoline	**3100**	230	NWTPH-Gx	3-9-15	3-10-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***68-123***				
Client ID:	**KM-39-SW-3.5**					
Laboratory ID:	03-052-05					
Benzene	**ND**	0.020	EPA 8021B	3-9-15	3-9-15	
Toluene	**ND**	0.088	EPA 8021B	3-9-15	3-9-15	
Ethyl Benzene	**ND**	0.088	EPA 8021B	3-9-15	3-9-15	
m,p-Xylene	**0.33**	0.088	EPA 8021B	3-9-15	3-9-15	
o-Xylene	**ND**	0.088	EPA 8021B	3-9-15	3-9-15	
Gasoline	**170**	22	NWTPH-Gx	3-9-15	3-11-15	Z
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***93***	***68-123***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0309S2					
Benzene	**ND**	0.020	EPA 8021B	3-9-15	3-9-15	
Toluene	**ND**	0.050	EPA 8021B	3-9-15	3-9-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-9-15	3-9-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-9-15	3-9-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-9-15	3-9-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-9-15	3-9-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-040-02										
	ORIG	DUP									
Benzene	**0.256**	**0.266**	NA	NA		NA		NA	4	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**0.179**	**0.189**	NA	NA		NA		NA	5	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***91***	***95***	***68-123***			
SPIKE BLANKS											
Laboratory ID:	SB0309S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.927**	**0.969**	1.00	1.00		**93**	**97**	75-117	4	13	
Toluene	**0.934**	**0.977**	1.00	1.00		**93**	**98**	78-118	5	12	
Ethyl Benzene	**0.907**	**0.964**	1.00	1.00		**91**	**96**	78-118	6	12	
m,p-Xylene	**0.908**	**0.964**	1.00	1.00		**91**	**96**	78-121	6	13	
o-Xylene	**0.887**	**0.931**	1.00	1.00		**89**	**93**	77-119	5	13	
Surrogate:											
Fluorobenzene						***91***	***95***	***68-123***			

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-B1-4.5**					
Laboratory ID:	03-052-01					
Benzo[a]anthracene	**0.15**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Chrysene	**0.18**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[b]fluoranthene	**0.14**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo(j,k)fluoranthene	**0.051**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[a]pyrene	**0.12**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Indeno(1,2,3-c,d)pyrene	**0.075**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***62***	***32 - 114***				
Pyrene-d10	***75***	***33 - 121***				
Terphenyl-d14	***96***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-EW-3.5**					
Laboratory ID:	03-052-02					
Benzo[a]anthracene	**3.5**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Chrysene	**4.3**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[b]fluoranthene	**5.0**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo(j,k)fluoranthene	**1.7**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[a]pyrene	**4.5**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Indeno(1,2,3-c,d)pyrene	**2.9**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Dibenz[a,h]anthracene	**0.64**	0.19	EPA 8270D/SIM	3-12-15	3-16-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***63***	***32 - 114***				
Pyrene-d10	***75***	***33 - 121***				
Terphenyl-d14	***91***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-NW-3.5**					
Laboratory ID:	03-052-03					
Benzo[a]anthracene	**0.10**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Chrysene	**0.12**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo[b]fluoranthene	**0.10**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo(j,k)fluoranthene	**0.035**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo[a]pyrene	**0.088**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Indeno(1,2,3-c,d)pyrene	**0.043**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Dibenz[a,h]anthracene	**0.014**	0.0093	EPA 8270D/SIM	3-12-15	3-13-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***66***	***32 - 114***				
Pyrene-d10	***76***	***33 - 121***				
Terphenyl-d14	***72***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-WW-3.5**					
Laboratory ID:	03-052-04					
Benzo[a]anthracene	**0.18**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Chrysene	**0.22**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[b]fluoranthene	**0.22**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo(j,k)fluoranthene	**0.061**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Benzo[a]pyrene	**0.15**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Indeno(1,2,3-c,d)pyrene	**0.096**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270D/SIM	3-12-15	3-16-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***64***	***32 - 114***				
Pyrene-d10	***74***	***33 - 121***				
Terphenyl-d14	***93***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-39-SW-3.5**					
Laboratory ID:	03-052-05					
Benzo[a]anthracene	**0.074**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Chrysene	**0.089**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo[b]fluoranthene	**0.078**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo(j,k)fluoranthene	**0.022**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Benzo[a]pyrene	**0.071**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Indeno(1,2,3-c,d)pyrene	**0.036**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Dibenz[a,h]anthracene	**0.0085**	0.0072	EPA 8270D/SIM	3-12-15	3-13-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***70***	***32 - 114***				
Pyrene-d10	***85***	***33 - 121***				
Terphenyl-d14	***81***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0312S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-12-15	3-12-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***90***	***32 - 114***				
Pyrene-d10	***95***	***33 - 121***				
Terphenyl-d14	***95***	***31 - 116***				

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Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

cPAHs 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:	SB0312S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzo[a]anthracene	**0.0981**	**0.0976**	0.0833	0.0833	118	117	60 - 128	1	15	
Chrysene	**0.0762**	**0.0746**	0.0833	0.0833	91	90	60 - 117	2	13	
Benzo[b]fluoranthene	**0.0838**	**0.0793**	0.0833	0.0833	101	95	60 - 131	6	16	
Benzo(j,k)fluoranthene	**0.0716**	**0.0736**	0.0833	0.0833	86	88	57 - 126	3	20	
Benzo[a]pyrene	**0.0907**	**0.0887**	0.0833	0.0833	109	106	62 - 136	2	16	
Indeno(1,2,3-c,d)pyrene	**0.0841**	**0.0838**	0.0833	0.0833	101	101	60 - 127	0	19	
Dibenz[a,h]anthracene	**0.0808**	**0.0801**	0.0833	0.0833	97	96	62 - 133	1	22	
Surrogate:										
2-Fluorobiphenyl					***90***	***87***	***32 - 114***			
Pyrene-d10					***93***	***91***	***33 - 121***			
Terphenyl-d14					***92***	***91***	***31 - 116***			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 17, 2015
Samples Submitted: March 6, 2015
Laboratory Reference: 1503-052
Project: 14697

% MOISTURE

Date Analyzed: 3-9-15

Client ID	Lab ID	% Moisture
KM-39-B1-4.5	03-052-01	8
KM-39-EW-3.5	03-052-02	28
KM-39-NW-3.5	03-052-03	28
KM-39-WW-3.5	03-052-04	7
KM-39-SW-3.5	03-052-05	7

This report pertains to the samples analyzed in accordance with the chain of custody,
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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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: amec
Project Number: 14697
Project Name: Tasya Gray
Project Manager: Kelly-Moore Soil ex
Sampled by: Nathan Moxley

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: 03-052

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	cPAHs					% Moisture
1	KM-39-B1-4.5	3/5/15	1125	Soil	2		X															X					X
2	KM-39-EW-3.5	↓	1130	↓	↓		X															X					↓
3	KM-39-NW-3.5		1310				X															X					
4	KM-39-WW-3.5		1315				X															X					
5	KM-39-SW-3.5	↓	1320	↓	↓		X															X					↓

	Signature	Company	Date	Time
Relinquished		AMEC	3/6/15	1030
Received		Speedy Msngr	3-6-15	1031
Relinquished		" "	" "	1341
Received		COSE	3/6/15	1341
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 23, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-079

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 10, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

Case Narrative

Samples were collected on March 6, 2015 and received by the laboratory on March 10, 2015. 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/BTEX Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The chromatograms for samples KM-41-B1-6.0 and KM-41-SW-4.0 are similar to mineral spirits.

The surrogate recovery is outside of the control limits on the high-end for samples KM-41-NW-4.0 and KM-41-WW-4.0. However, since the samples are non-detect, no further action will be taken.

The field-extracted VOA vials provided for samples KM-41-NW-4.0 and KM-41-WW-4.0 contained reduced methanol volume; the PQLs for these samples should be considered estimates.

PAHs EPA 8270D/SIM Analysis

Sample KM-41-B1-6.0, the method blank and a matrix spike 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.

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-B1-6.0**					
Laboratory ID:	03-079-01					
Benzene	**ND**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.097	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**ND**	0.097	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**0.24**	0.097	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	0.097	EPA 8021B	3-17-15	3-17-15	
Gasoline	**380**	49	NWTPH-Gx	3-17-15	3-18-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*111*	*68-123*				
Client ID:	**KM-41-NW-4.0**					
Laboratory ID:	03-079-02					
Benzene	**ND**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.066	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**ND**	0.066	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**ND**	0.066	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	0.066	EPA 8021B	3-17-15	3-17-15	
Gasoline	**ND**	6.6	NWTPH-Gx	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*137*	*68-123*				Q
Client ID:	**KM-41-SW-4.0**					
Laboratory ID:	03-079-03					
Benzene	**0.021**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.10	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**0.52**	0.10	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**5.6**	0.10	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	1.0	EPA 8021B	3-17-15	3-17-15	U1
Gasoline	**3600**	250	NWTPH-Gx	3-17-15	3-18-15	Z
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*120*	*68-123*				

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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

NWTPH-Gx/BTEX

Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-EW-4.0**					
Laboratory ID:	03-079-04					
Benzene	**ND**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*118*	*68-123*				
Client ID:	**KM-41-WW-4.0**					
Laboratory ID:	03-079-05					
Benzene	**ND**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.065	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**ND**	0.065	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**ND**	0.065	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	0.065	EPA 8021B	3-17-15	3-17-15	
Gasoline	**ND**	6.5	NWTPH-Gx	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*131*	*68-123*				Q

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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317S1					
Benzene	**ND**	0.020	EPA 8021B	3-17-15	3-17-15	
Toluene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
Ethyl Benzene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
m,p-Xylene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
o-Xylene	**ND**	0.050	EPA 8021B	3-17-15	3-17-15	
Gasoline	**ND**	5.0	NWTPH-Gx	3-17-15	3-17-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*68-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-162-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*96*	*96*	*68-123*			
SPIKE BLANKS											
Laboratory ID:	SB0317S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.851**	**0.865**	1.00	1.00		**85**	**87**	75-117	2	13	
Toluene	**0.870**	**0.890**	1.00	1.00		**87**	**89**	78-118	2	12	
Ethyl Benzene	**0.860**	**0.931**	1.00	1.00		**86**	**93**	78-118	8	12	
m,p-Xylene	**0.877**	**0.946**	1.00	1.00		**88**	**95**	78-121	8	13	
o-Xylene	**0.889**	**0.973**	1.00	1.00		**89**	**97**	77-119	9	13	
Surrogate:											
Fluorobenzene						*86*	*87*	*68-123*			

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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-B1-6.0**					
Laboratory ID:	03-079-01					
Benzo[a]anthracene	**0.014**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**0.047**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**0.13**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**0.022**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**0.11**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**0.17**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**0.045**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*122*	*32 - 114*				Q
Pyrene-d10	*92*	*33 - 121*				
Terphenyl-d14	*93*	*31 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-NW-4.0**					
Laboratory ID:	03-079-02					
Benzo[a]anthracene	**0.044**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**0.019**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**0.053**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**0.018**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**0.048**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**0.45**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**0.057**	0.0082	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*108*	*32 - 114*				
Pyrene-d10	*83*	*33 - 121*				
Terphenyl-d14	*90*	*31 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-SW-4.0**					
Laboratory ID:	03-079-03					
Benzo[a]anthracene	**0.14**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**0.13**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**0.18**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**0.035**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**0.11**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**0.051**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**0.016**	0.0073	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*32 - 114*				
Pyrene-d10	*61*	*33 - 121*				
Terphenyl-d14	*62*	*31 - 116*				

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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-EW-4.0**					
Laboratory ID:	03-079-04					
Benzo[a]anthracene	**ND**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**0.010**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**0.048**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**0.068**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**0.089**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**0.025**	0.0081	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*107*	*32 - 114*				
Pyrene-d10	*82*	*33 - 121*				
Terphenyl-d14	*85*	*31 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM-41-WW-4.0**					
Laboratory ID:	03-079-05					
Benzo[a]anthracene	**0.025**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**ND**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**0.0091**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**ND**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**0.27**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**0.67**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**0.076**	0.0083	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*103*	*32 - 114*				
Pyrene-d10	*82*	*33 - 121*				
Terphenyl-d14	*83*	*31 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0319S1					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	3-19-15	3-20-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*115*	*32 - 114*				Q
Pyrene-d10	*84*	*33 - 121*				
Terphenyl-d14	*81*	*31 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

cPAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-107-01										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	**0.0826**	**0.0682**	0.0833	0.0833	ND	99	82	42 - 134	19	27	
Chrysene	**0.0694**	**0.0589**	0.0833	0.0833	ND	83	71	45 - 114	16	27	
Benzo[b]fluoranthene	**0.0726**	**0.0624**	0.0833	0.0833	ND	87	75	38 - 131	15	33	
Benzo(j,k)fluoranthene	**0.0703**	**0.0616**	0.0833	0.0833	ND	84	74	44 - 114	13	34	
Benzo[a]pyrene	**0.0808**	**0.0665**	0.0833	0.0833	ND	97	80	40 - 136	19	29	
Indeno(1,2,3-c,d)pyrene	**0.0710**	**0.0591**	0.0833	0.0833	ND	85	71	45 - 126	18	30	
Dibenz[a,h]anthracene	**0.0713**	**0.0594**	0.0833	0.0833	ND	86	71	46 - 121	18	28	
Surrogate:											
2-Fluorobiphenyl						*120*	*91*	*32 - 114*			Q
Pyrene-d10						*82*	*69*	*33 - 121*			
Terphenyl-d14						*78*	*66*	*31 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 23, 2015
Samples Submitted: March 10, 2015
Laboratory Reference: 1503-079
Project: 14697

% MOISTURE

Date Analyzed: 3-17-15

Client ID	Lab ID	% Moisture
KM-41-B1-6.0	03-079-01	18
KM-41-NW-4.0	03-079-02	19
KM-41-SW-4.0	03-079-03	9
KM-41-EW-4.0	03-079-04	18
KM-41-WW-4.0	03-079-05	20

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z - The sample chromatogram is similar to mineral spirits.

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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: Amec
Project Number: 14697
Project Name: Former Kelly-Moore
Project Manager: Tasya Gray
Sampled by: Nathan Morley

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☒ ~~Archive until further notice~~ (other)

Laboratory Number: 03-079

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level) cPAHs only	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive						% Moisture
1	KM-41-B1-6.0	3/6/15	0915	Soil	2		X						X								X	X					X
2	KM-41-NW-4.0		0920				X						X								X	X					X
3	KM-41-SW-4.0		0925				X						X								X	X					X
4	KM-41-EW-4.0		0930				X						X								X	X					X
5	KM-41-WW-4.0		0935				X						X								X	X					X

	Signature	Company	Date	Time
Relinquished		Amec	3/9/15 NM	
Received	Van	Spdy	3/10/15	0815
Relinquished	"	"	"	1045
Received		OSE	3/10/15	1045
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Archive samples pending receipt of Bldg & PCB samples

X Added 3/17/15. DB (STA)

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 8, 2015

Tasya Gray
AMEC Environment and Infrastructure, Inc.
One Union Square
600 University Street, Suite 600
Seattle, WA 98101

Re: Analytical Data for Project 14697
Laboratory Reference No. 1503-321

Dear Tasya:

Enclosed are the analytical results and associated quality control data for samples submitted on March 31, 2015.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

Case Narrative

Samples were collected on March 31, 2015 and received by the laboratory on March 31, 2015. 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.

All soil results are reported on a dry-weight basis, unless otherwise noted below in a case narrative.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-321-01					
Client ID:	**KM15-IMPORT A**					
Arsenic	**ND**	12	6010C	4-6-15	4-7-15	
Barium	**89**	2.9	6010C	4-6-15	4-7-15	
Cadmium	**ND**	0.58	6010C	4-6-15	4-7-15	
Chromium	**34**	0.58	6010C	4-6-15	4-7-15	
Lead	**39**	5.8	6010C	4-6-15	4-7-15	
Mercury	**ND**	0.29	7471B	4-2-15	4-2-15	
Selenium	**ND**	12	6010C	4-6-15	4-7-15	
Silver	**ND**	1.2	6010C	4-6-15	4-7-15	
Lab ID:	03-321-02					
Client ID:	**KM15-IMPORT B**					
Arsenic	**ND**	12	6010C	4-6-15	4-7-15	
Barium	**73**	2.9	6010C	4-6-15	4-7-15	
Cadmium	**ND**	0.58	6010C	4-6-15	4-7-15	
Chromium	**29**	0.58	6010C	4-6-15	4-7-15	
Lead	**26**	5.8	6010C	4-6-15	4-7-15	
Mercury	**ND**	0.29	7471B	4-2-15	4-2-15	
Selenium	**ND**	12	6010C	4-6-15	4-7-15	
Silver	**ND**	1.2	6010C	4-6-15	4-7-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	03-321-03					
Client ID:	**KM15-IMPORT C**					
Arsenic	**ND**	12	6010C	4-6-15	4-7-15	
Barium	**86**	2.9	6010C	4-6-15	4-7-15	
Cadmium	**ND**	0.58	6010C	4-6-15	4-7-15	
Chromium	**30**	0.58	6010C	4-6-15	4-7-15	
Lead	**31**	5.8	6010C	4-6-15	4-7-15	
Mercury	**ND**	0.29	7471B	4-2-15	4-2-15	
Selenium	**ND**	12	6010C	4-6-15	4-7-15	
Silver	**ND**	1.2	6010C	4-6-15	4-7-15	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-6-15
Date Analyzed: 4-7-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0406SM1

Analyte	Method	Result	PQL
Arsenic	6010C	**ND**	10
Barium	6010C	**ND**	2.5
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Lead	6010C	**ND**	5.0
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	4-2-15
Date Analyzed:	4-2-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0402S1

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL METALS
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 4-6-15
Date Analyzed: 4-7-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-321-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**76.6**	**78.2**	2	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**29.4**	**26.1**	12	0.50	
Lead	**33.8**	**34.4**	2	5.0	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 4-2-15
Date Analyzed: 4-2-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-302-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL METALS
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 4-6-15
Date Analyzed: 4-7-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-321-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**101**	101	**101**	101	0	
Barium	100	**173**	97	**183**	106	5	
Cadmium	50.0	**49.0**	98	**49.4**	99	1	
Chromium	100	**118**	89	**121**	92	3	
Lead	250	**273**	96	**275**	97	1	
Selenium	100	**95.4**	95	**95.4**	95	0	
Silver	25.0	**21.7**	87	**22.0**	88	1	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 4-2-15
Date Analyzed: 4-2-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 03-302-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.510**	102	**0.510**	102	0	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**KM15-IMPORT A**					
Laboratory ID:	03-321-01					
Diesel Range Organics	**ND**	29	NWTPH-Dx	4-3-15	4-3-15	
Lube Oil	**80**	58	NWTPH-Dx	4-3-15	4-3-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***88***	***50-150***				
Client ID:	**KM15-IMPORT B**					
Laboratory ID:	03-321-02					
Diesel Range Organics	**ND**	29	NWTPH-Dx	4-3-15	4-3-15	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	4-3-15	4-3-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***83***	***50-150***				
Client ID:	**KM15-IMPORT C**					
Laboratory ID:	03-321-03					
Diesel Range Organics	**ND**	29	NWTPH-Dx	4-3-15	4-3-15	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	4-3-15	4-3-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***83***	***50-150***				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0403S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	4-3-15	4-3-15	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	4-3-15	4-3-15	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***100***	***50-150***				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	03-321-03									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						***83 78***	***50-150***			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 8, 2015
Samples Submitted: March 31, 2015
Laboratory Reference: 1503-321
Project: 14697

% MOISTURE

Date Analyzed: 4-3-15

Client ID	Lab ID	% Moisture
KM15-IMPORT A	03-321-01	14
KM15-IMPORT B	03-321-02	14
KM15-IMPORT C	03-321-03	13

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

CHAIN-OF-CUSTODY RECORD

03-321

PROJECT NAME: Kelly-Moore Soil Excavation		DATE: 3/31/15	PAGE 1 OF 1
PROJECT NUMBER: 14697	LABORATORY NAME: On-Site Environmental	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: Tasha Gray	LABORATORY ADDRESS:		
TURNAROUND TIME: 1 week			
SAMPLE SHIPMENT METHOD:	LABORATORY CONTACT:		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

DATE	TIME	SAMPLE NUMBER	ANALYSES: RCRA 8 metals	ANALYSES: NWTPH-Dx	ANALYSES: Moisture	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
3/31/15	0920	KM15-IMPORT A	X	X	X	1-4 oz jar	S						
3/31/15	0925	KM15-IMPORT B	X	X	X	"	S						
3/31/15	0930	KM15-IMPORT C	X	X	X	"	S						

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: S. Behrouzi	3/31/15	12:10pm	SIGNATURE:	3/31/15	1230 pm
PRINTED NAME: S. Behrouzi			PRINTED NAME: Pete Bodin		
COMPANY: AMEC			COMPANY: Speedy Messenger		
SIGNATURE:	3/31/15	1450	SIGNATURE:	3/31/15	1450
PRINTED NAME: Pete Bodin			PRINTED NAME:		
COMPANY: Speedy Messenger			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

amec

APPENDIX I

Estimated Capital and O&M Costs

TABLE I-1

ESTIMATED CAPITAL COSTS
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

CAPITAL COSTS				ALTERNATIVE 1 Monitored Natural Attenuation		ALTERNATIVE 2 SVE and Air Sparge		ALTERNATIVE 3 Site Wide ISCO		ALTERNATIVE 4 Excavation	
CONTRACTOR		**Unit**	**Unit Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**
1	Mobilization/Demobilization	LS	100,000		$0	0.5	$50,000	0.5	$50,000	5	$500,000
2	Site Setup	LS	$10,000		$0	1	$10,000	5	$50,000	10	$100,000
3	Stormwater Management	Day	$500		$0	15	$7,500	10	$5,000	400	$200,000
4	Demolition	LS	$300,000		$0		$0		$0	1	$300,000
5	General Excavation	CY	$15		$0		$0		$0	10,000	$150,000
6	Trenching and Backfill	LF	$50		$0		$0		$0		$0
7	Piping	LF	$50		$0	750	$37,500		$0		$0
8	Injections	Day	$2,500		$0		$0	20	$50,000		$0
9	Oxidating Agent	Lbs	$10		$0		$0	50,000	$500,000	15000	$150,000
10	Backfill Import and Placement	Ton	$35		$0	100	$3,500	3	$105	16,500	$577,500
11	Treatment Equipment Installation	LS	$50,000		$0	1	$50,000		$0		$0
12	Waste Transportatin and Disposal	Ton	$70		$0	100	$7,000	1	$70	3,300	$231,000
13	Waste Recycling	Ton	$40		$0		$0	3	$120	16,500	$660,000
14	Paving	SF	$5		$0	8,000	$40,000	20,000	$100,000	25,000	$125,000
15	Reconstruction	LS	$2,500,000		$0		$0		$0	1	$2,500,000
16	Site Restoration/Misc.	LS	$10,000	1	$10,000	1	$10,000	1	$10,000	5	$50,000
17	Tenant Disruption	LS	$50,000		$0		$0	1	$50,000	10	$500,000
18	Consultant Oversight (Taxable Portion)	Wk	$8,000		$0	4	$32,000	5	$40,000	45	$360,000
	Subtotal				**$10,000**		**$247,500**		**$855,295**		**$6,403,500**
	Markup	10.0	%		$1,000		$24,750		$85,530		$640,350
	Sales Tax	9.6	%		$1,056		$26,136		$90,319		$676,210
SUBTOTAL - Contractor					**$12,056**		**$298,386**		**$1,031,144**		**$7,720,060**
Subcontractors - Professional Services											
1	Driller - Geoprobe	Day	$3,000		$0		$0	20	$60,000		$0
2	Surveyor	Day	$2,000		$0	4	$8,000	5	$10,000	40	$80,000
3	Analytical Laboratory - Soil Samples										
4	Confirmation Soil Samples	EA	$600		$0		$0		$0	120	$72,000
	Subtotal				**$0**		**$8,000**		**$70,000**		**$152,000**
	Markup	10.0	%		$0		$800		$7,000		$15,200
SUBTOTAL - Subcontractor - Professional					**$0**		**$8,800**		**$77,000**		**$167,200**
PROFESSIONAL SERVICES											
	Permitting	LS	$10,000	0.2	$2,000	1	$10,000	0	$4,000	10	$100,000
	Design	LS	$50,000	0.2	$10,000	1	$50,000	0	$20,000	5	$250,000
	Construction Management	Wk	$2,000	0	$160	4	$8,000	5	$10,000	100	$200,000
	Project Management	Wk	$2,000	1	$2,000	8	$16,000	10	$20,000	70	$140,000
	Report	LS	$20,000	0	$0	1	$20,000	1	$20,000	8	$160,000
SUBTOTAL Professional Services					**$14,160**		**$104,000**		**$74,000**		**$850,000**
Subtotal Capital Cost					**$26,216**		**$411,186**		**$1,182,144**		**$8,737,260**
	Contingency	25	%		$6,554		$102,797		$295,536		$2,184,315
GRAND TOTAL CAPITAL COST					**$32,770**		**$513,983**		**$1,477,680**		**$10,921,575**

Assumptions:
1. 2017 Dollars.
2. Costs are +50% -30%.
3. 40 hour work week; 22 days/month.
4. Level D Personal Protective Equipment.
5. Soil is non-hazardous waste.
6. Soil 1 bank cubic yard = 1.8 tons.
7. Soil, 1 BCY = 1.20 LCY.
8. Concrete/Asphalt 1 cubic yard = 2 tons.
9. Backfill costs assume delivered and placed.
10. Assumes a 25-foot ROI for SVE, 15-foot ROI for injections.

Abbreviations:
BCY = bank cubic yards
CY = cubic yard
EA = each
ISCO = in situ chemical oxidation
Lbs = pounds
LCY = loose cubic yards
LF = linear feet
LS = lump sum
ROI = radius of influence
SF = square feet
SVE = soil vapor extraction
Wk = week

TABLE I-2

ESTIMATED OPERATIONS AND MAINTENANCE COSTS
Former Kelly-Moore Manufacturing Facility
Seattle, Washington

CAPITAL COSTS				ALTERNATIVE 1 Monitored Natural Attenuation		ALTERNATIVE 2 SVE and Air Sparge		ALTERNATIVE 3 Site Wide ISCO		ALTERNATIVE 4 Excavation	
O&M		**Unit**	**Unit Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**	**Quantity**	**Cost**
1	ISCO Injections	Day	$3,000		$0		$0	40	$120,000		$0
2	Oxidating Agent	Lbs	$10		$0		$0	50,000	$500,000		$0
3	Equipment Rental	MO	$6,000		$0	24	$144,000		$0		$0
4	Power, etc.	MO	$3,000		$0	24	$72,000		$0		$0
5	IDW Disposal	Drum	$150		$0	20	$3,000		$0		$0
6	System Decommissioning	LS	$25,000		$0	1	$25,000		$0		$0
5	Consultant Oversight (Taxable Portion)	Wk	$8,000		$0		$0	2	$16,000		$0
	Subtotal				**$0**		**$244,000**		**$636,000**		**$0**
	Markup	10.0	%		$0		$24,400		$63,600		$0
	Sales Tax	9.6	%		$0		$25,766		$67,162		$0
SUBTOTAL - Contractor					**$0**		**$294,166**		**$766,762**		**$0**
Subcontractors - Professional Services											
1	Analytical Laboratory - Groundwater Samples				$0		$0		$0		$0
2	Groundwater Samples	Round	$5,000	35	$175,000	12	$60,000	12	$60,000	4	$20,000
3	Air Samples	Round	$1,000		$0	24	$24,000		$0		$0
4	Driller	Day	$5,000	3	$15,000	4	$20,000	3	$15,000	5	$25,000
	Subtotal				**$190,000**		**$104,000**		**$75,000**		**$45,000**
	Markup	10.0	%		$19,000		$10,400		$7,500		$4,500
SUBTOTAL - Subcontractor - Professional					**$209,000**		**$114,400**		**$82,500**		**$49,500**
PROFESSIONAL SERVICES											
	Sampling	Round	$2,000	35	$70,000	12	$24,000	12	$24,000	4	$8,000
	System Monitoring	Month	$2,000		$0	24	$48,000		$0	5	$10,000
	Project Management	Year	$2,500	16	$40,000	5	$12,500	5	$12,500	2	$5,000
	Report	Round	$2,000	35	$70,000	12	$24,000	12	$24,000	4	$8,000
SUBTOTAL Professional Services					**$180,000**		**$108,500**		**$60,500**		**$31,000**
Subtotal O&M Cost					**$389,000**		**$517,066**		**$909,762**		**$80,500**
	Contingency	30	%		$116,700		$155,120		$272,928		$24,150
GRAND TOTAL O&M COST					**$505,700**		**$672,186**		**$1,182,690**		**$104,650**

Assumptions:
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