



**United States Environmental Protection Agency  
Region 9 Laboratory**

**1337 S. 46th Street Building 201  
Richmond, CA 94804**

**Date:** 3/17/2011

**Subject:** Analytical Testing Results - Project R11R03  
SDG: 11042A

**From:** Brenda Bettencourt, Director  
EPA Region 9 Laboratory  
MTS-2

**To:** Cameron McDonald  
RCRA Enforcement Office  
WST-3

Attached are the results from the analysis of samples from the **Western Environmental, Inc. 2011 RCRA Inspection** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

**Analyses included in this report:**

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Percent Solids

Semivolatile Organic Compounds by GC/MS

Semivolatile Organic Compounds by GC/MS



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804

Phone:(510) 412-2300

Fax:(510) 412-2302

Project Manager: Cameron McDonald

Project Number: R11R03

Project: Western Environmental, Inc. 2011 RCRA Inspection

RCRA Enforcement Office

75 Hawthorne Street

San Francisco CA, 94105

SDG: 11042A

Reported: 03/17/11 16:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OSPTA-1	1102011-12	Soil	02/09/11 08:00	02/10/11 16:30
OSPTA-2	1102011-13	Soil	02/09/11 08:00	02/10/11 16:30
OSPTA-3	1102011-14	Soil	02/09/11 08:26	02/10/11 16:30
OSPTA-4	1102011-15	Soil	02/09/11 08:42	02/10/11 16:30
OSPTA-5	1102011-16	Soil	02/09/11 08:58	02/10/11 16:30
OSPTA-6	1102011-17	Soil	02/09/11 08:58	02/10/11 16:30
ISPPA-1	1102011-18	Soil	02/09/11 15:36	02/10/11 16:30
ISPPA-2	1102011-19	Soil	02/09/11 15:43	02/10/11 16:30
ISPPA-3	1102011-20	Soil	02/09/11 15:49	02/10/11 16:30
ISPPA-4	1102011-21	Soil	02/09/11 15:59	02/10/11 16:30
ISPPA-5	1102011-22	Soil	02/09/11 16:00	02/10/11 16:30

SDG ID 11042A

Work Order(s)

1102011



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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-12

**Soil - Sampled: 02/09/11 08:00**

**Sample ID:** OSPTA-1

							<b>Semivolatile Organic Compounds by EPA Method 8270D</b>			
							B1B0042	02/15/11	03/01/11	8270D/SOP315
Phenol		ND	J, Q4, Q6, U	1,000	ug/kg dry					8270D/SOP315
Bis(2-chloroethyl)ether		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Isophorone		ND	Q6, J, Q4, U	200	"	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Naphthalene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	J, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	J, Q4, Q6, U	200	"	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, Q4, Q6, U	1,000	"	"	"	"	"	8270D/SOP315
Acenaphthene		ND	Q4, Q6, J, U	200	"	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	J, Q4, Q6, U	4,000	"	"	"	"	"	8270D/SOP315



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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-12

**Soil - Sampled: 02/09/11 08:00**

**Sample ID:** OSPTA-1

						<b>Semivolatile Organic Compounds by EPA Method 8270D</b>			
4-Nitrophenol		ND	J, Q4, Q6, U	1,000	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Dibenzofuran		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Fluorene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	J, Q4, Q6, U	1,000	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	J, Q4, Q6, U	1,000	"	"	"	"	8270D/SOP315
Phenanthrene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Anthracene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Carbazole		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Fluoranthene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Pyrene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Chrysene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		660	Q4, Q6, J	200	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	Q4, Q6, J, U	200	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	J, Q4, Q6, U	200	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	Q4, Q6, J, U	200	"	"	"	"	8270D/SOP315
Decanoic acid (01)		1,100	N TIC, J		"	"	"	"	8270D/SOP315
Decanoic acid (02)		3,300	N TIC, J		"	"	"	"	8270D/SOP315
Dodecanoic acid		5,100	N TIC, J		"	"	"	"	8270D/SOP315
Hexadecanoic acid		86,000	N TIC, J		"	"	"	"	8270D/SOP315
Hexadecanoic acid, methyl e...		2,900	N TIC, J		"	"	"	"	8270D/SOP315
Octadecadienoic acid, methyl		1,400	N TIC, J		"	"	"	"	8270D/SOP315
Octadecanoic acid, methyl e...		1,400	N TIC, J		"	"	"	"	8270D/SOP315



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-12 **Soil - Sampled: 02/09/11 08:00**

<b>Sample ID:</b> OSPTA-1	<b>Semivolatle Organic Compounds by EPA Method 8270D</b>								
Octadecenoic acid , methyl ...		4,400	N TIC, J		ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Oleic Acid		51,000	N TIC, J		"	"	"	"	8270D/SOP315
Tetradecanoic acid		17,000	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>			25 %	20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>			61 %	20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>			64 %	20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			63 %	20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			56 %	20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			53 %	20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			67 %	31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			87 %	20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			71 %	20-125%		"	"	"	

<b>Sample ID:</b> OSPTA-1	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>								
% Solids		83		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-13 **Soil - Sampled: 02/09/11 08:00**

<b>Sample ID:</b> OSPTA-2	<b>Semivolatle Organic Compounds by EPA Method 8270D</b>								
Phenol			ND U	950	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether			ND U	180	"	"	"	"	8270D/SOP315
2-Chlorophenol			ND U	950	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene			ND U	180	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene			ND U	180	"	"	"	"	8270D/SOP315
Benzyl alcohol			ND U	950	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene			ND U	180	"	"	"	"	8270D/SOP315
2-Methylphenol			ND U	950	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether			ND U	180	"	"	"	"	8270D/SOP315
3&4-Methylphenol			ND U	950	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine			ND U	180	"	"	"	"	8270D/SOP315
Hexachloroethane			ND U	180	"	"	"	"	8270D/SOP315
Nitrobenzene			ND U	180	"	"	"	"	8270D/SOP315
Isophorone			ND U	180	"	"	"	"	8270D/SOP315
2-Nitrophenol			ND U	950	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol			ND J, Q2, U	950	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane			ND U	180	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol			ND U	950	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene			ND U	180	"	"	"	"	8270D/SOP315
Naphthalene			ND U	180	"	"	"	"	8270D/SOP315
4-Chloroaniline			ND J, Q2, U	950	"	"	"	"	8270D/SOP315



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102011-13

Soil - Sampled: 02/09/11 08:00

Sample ID: OSPTA-2

						Semivolatile Organic Compounds by EPA Method 8270D			
Hexachlorobutadiene		ND	U	180	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	950	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	950	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	950	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	950	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	950	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	180	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	950	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	950	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluorene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	950	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	950	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	180	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	950	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	180	"	"	"	"	8270D/SOP315
Anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Carbazole		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	180	"	"	"	"	8270D/SOP315
Chrysene		ND	U	180	"	"	"	"	8270D/SOP315



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-13

**Soil - Sampled: 02/09/11 08:00**

**Sample ID:** OSPTA-2

Semivolatile Organic Compounds by EPA Method 8270D									
Bis(2-ethylhexyl) phthalate		180		180	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Di-n-octyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	180	"	"	"	"	8270D/SOP315
Decanoic acid		820	N TIC, J		"	"	"	"	8270D/SOP315
Hexadecanoic acid		21,000	N TIC, J		"	"	"	"	8270D/SOP315
Octadecenoic acid		8,500	N TIC, J		"	"	"	"	8270D/SOP315
Pentadecane, tetramethyl		830	N TIC, J		"	"	"	"	8270D/SOP315
Tetradecanoic acid		1,700	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>		38 %		20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>		78 %		20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>		79 %		20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>		80 %		20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		74 %		20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		68 %		20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		81 %		31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		102 %		20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>		92 %		20-125%		"	"	"	

**Sample ID:** OSPTA-2

Conventional Chemistry Parameters by APHA/EPA Methods									
% Solids		90		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-14

**Soil - Sampled: 02/09/11 08:26**

**Sample ID:** OSPTA-3

Semivolatile Organic Compounds by EPA Method 8270D									
Phenol		ND	U	1,200	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	230	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	1,200	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	230	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	230	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	1,200	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	230	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	1,200	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	230	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	1,200	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	230	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	230	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-14

**Soil - Sampled: 02/09/11 08:26**

**Sample ID:** OSPTA-3

						Semivolatile Organic Compounds by EPA Method 8270D			
Nitrobenzene		ND	U	230	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Isophorone		ND	U	230	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	1,200	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	1,200	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	230	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	J, Q7, U	1,200	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	230	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	230	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	1,200	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	230	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	J, Q7, U	1,200	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	230	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	1,200	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	J, Q7, U	1,200	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	J, Q7, U	1,200	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	230	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	1,200	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	230	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	230	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	230	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	1,200	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	230	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	4,700	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	1,200	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	230	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	230	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	230	"	"	"	"	8270D/SOP315
Fluorene		ND	U	230	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	230	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	1,200	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	1,200	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	230	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	230	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	230	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	1,200	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	230	"	"	"	"	8270D/SOP315





# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-14

**Soil - Sampled: 02/09/11 08:26**

**Sample ID:** OSPTA-3

Semivolatile Organic Compounds by EPA Method 8270D									
Anthracene		ND	U	230	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Carbazole		ND	U	230	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	230	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	230	"	"	"	"	8270D/SOP315
Pyrene		ND	U	230	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	230	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	230	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	230	"	"	"	"	8270D/SOP315
Chrysene		ND	U	230	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		1,800		230	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	230	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	230	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	230	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	230	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	230	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	230	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	230	"	"	"	"	8270D/SOP315
Cholestanol		7,000	N TIC, J		"	"	"	"	8270D/SOP315
Cholestenol		6,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanone, cyclohexyl-		4,500	N TIC, J		"	"	"	"	8270D/SOP315
Pentadecane		5,400	N TIC, J		"	"	"	"	8270D/SOP315
Tetradecane		6,900	N TIC, J		"	"	"	"	8270D/SOP315
Tridecane		9,200	N TIC, J		"	"	"	"	8270D/SOP315
Tritetracontane		8,600	N TIC, J		"	"	"	"	8270D/SOP315
Undecane, dimethyl		6,300	N TIC, J		"	"	"	"	8270D/SOP315
unknown		5,100	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>			33 %	20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>			<b>0.9 %</b>	20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>			35 %	20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			<b>4 %</b>	20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			52 %	20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			41 %	20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			64 %	31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			41 %	20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			76 %	20-125%		"	"	"	

**Sample ID:** OSPTA-3

**Conventional Chemistry Parameters by APHA/EPA Methods**

% Solids	70	1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-15

**Soil - Sampled: 02/09/11 08:42**



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-15

**Soil - Sampled: 02/09/11 08:42**

**Sample ID:** OSPTA-4

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
						<b>Semivolatile Organic Compounds by EPA Method 8270D</b>			
Phenol		ND	U	910	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	180	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	910	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	180	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	180	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	180	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Isophorone		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	910	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	910	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	910	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	180	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	910	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102011-15

Soil - Sampled: 02/09/11 08:42

Sample ID: OSPTA-4

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
						<b>Semivolatile Organic Compounds by EPA Method 8270D</b>			
Dibenzofuran		ND	U	180	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
2,4-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluorene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	910	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	180	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
Phenanthrene		170	C1, J	180	"	"	"	"	8270D/SOP315
Anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Carbazole		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluoranthene		350		180	"	"	"	"	8270D/SOP315
Pyrene		290		180	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		170	C1, J	180	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	180	"	"	"	"	8270D/SOP315
Chrysene		180		180	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		190		180	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		140	C1, J	180	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		92	C1, J	180	"	"	"	"	8270D/SOP315
Pentadecane, tetramethyl		1,100	N TIC, J		"	"	"	"	8270D/SOP315
Surrogate: 1,4-Dioxane-d8		25 %		20-110%		"	"	"	
Surrogate: 2-Fluorophenol		49 %		20-118%		"	"	"	
Surrogate: Phenol-d5		48 %		20-117%		"	"	"	
Surrogate: 2-Chlorophenol-d4		49 %		20-111%		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4		48 %		20-110%		"	"	"	
Surrogate: Nitrobenzene-d5		42 %		20-131%		"	"	"	
Surrogate: 2-Fluorobiphenyl		53 %		31-110%		"	"	"	
Surrogate: 2,4,6-Tribromophenol		63 %		20-144%		"	"	"	



# United States Environmental Protection Agency Region 9 Laboratory

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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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<b>Lab ID:</b> 1102011-15		<b>Soil - Sampled:</b> 02/09/11 08:42
<b>Sample ID:</b> OSPTA-4		
<i>Surrogate: Terphenyl-d14</i>	62 %	20-125%
		<b>Semivolatle Organic Compounds by EPA Method 8270D</b> B1B0042 02/15/11 03/01/11

<b>Sample ID:</b> OSPTA-4		<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>
% Solids	93	1 %
		B1B0069 02/21/11 02/22/11 3550C/SOP460

<b>Lab ID:</b> 1102011-16		<b>Soil - Sampled:</b> 02/09/11 08:58
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<b>Sample ID:</b> OSPTA-5		<b>Semivolatle Organic Compounds by EPA Method 8270D</b>
Phenol	ND U	1,300 ug/kg dry B1B0042 02/15/11 03/01/11 8270D/SOP315
Bis(2-chloroethyl)ether	ND U	250 " " " 8270D/SOP315
2-Chlorophenol	ND U	1,300 " " " 8270D/SOP315
1,3-Dichlorobenzene	ND U	250 " " " 8270D/SOP315
1,4-Dichlorobenzene	ND U	250 " " " 8270D/SOP315
Benzyl alcohol	ND U	1,300 " " " 8270D/SOP315
1,2-Dichlorobenzene	ND U	250 " " " 8270D/SOP315
2-Methylphenol	ND U	1,300 " " " 8270D/SOP315
Bis(2-chloro-1-methylethyl) ether	ND U	250 " " " 8270D/SOP315
3&4-Methylphenol	ND U	1,300 " " " 8270D/SOP315
N-Nitrosodipropylamine	ND U	250 " " " 8270D/SOP315
Hexachloroethane	ND U	250 " " " 8270D/SOP315
Nitrobenzene	ND U	250 " " " 8270D/SOP315
Isophorone	ND U	250 " " " 8270D/SOP315
2-Nitrophenol	ND U	1,300 " " " 8270D/SOP315
2,4-Dimethylphenol	ND J, Q2, U	1,300 " " " 8270D/SOP315
Bis(2-chloroethoxy)methane	ND U	250 " " " 8270D/SOP315
2,4-Dichlorophenol	ND U	1,300 " " " 8270D/SOP315
1,2,4-Trichlorobenzene	ND U	250 " " " 8270D/SOP315
Naphthalene	ND U	250 " " " 8270D/SOP315
4-Chloroaniline	ND Q2, J, U	1,300 " " " 8270D/SOP315
Hexachlorobutadiene	ND U	250 " " " 8270D/SOP315
4-Chloro-3-methylphenol	ND U	1,300 " " " 8270D/SOP315
2-Methylnaphthalene	ND U	250 " " " 8270D/SOP315
Hexachlorocyclopentadiene	ND U	1,300 " " " 8270D/SOP315
2,4,6-Trichlorophenol	ND U	1,300 " " " 8270D/SOP315
2,4,5-Trichlorophenol	ND U	1,300 " " " 8270D/SOP315
2-Chloronaphthalene	ND U	250 " " " 8270D/SOP315
2-Nitroaniline	ND U	1,300 " " " 8270D/SOP315
Dimethyl phthalate	ND U	250 " " " 8270D/SOP315
2,6-Dinitrotoluene	ND U	250 " " " 8270D/SOP315
Acenaphthylene	ND U	250 " " " 8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-16

**Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-5

						Semivolatile Organic Compounds by EPA Method 8270D			
3-Nitroaniline		ND	J, Q2, U	1,300	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Acenaphthene		ND	U	250	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	5,000	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	250	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	250	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	250	"	"	"	"	8270D/SOP315
Fluorene		ND	U	250	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	250	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	1,300	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	250	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	250	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	250	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	250	"	"	"	"	8270D/SOP315
Anthracene		ND	U	250	"	"	"	"	8270D/SOP315
Carbazole		ND	U	250	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	250	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	250	"	"	"	"	8270D/SOP315
Pyrene		ND	U	250	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	250	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	250	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	250	"	"	"	"	8270D/SOP315
Chrysene		ND	U	250	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		2,200		250	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	250	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	250	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	250	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	250	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	250	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	250	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	250	"	"	"	"	8270D/SOP315
Cholestanol		8,300	N TIC, J		"	"	"	"	8270D/SOP315
Cholestenol		12,000	N TIC, J		"	"	"	"	8270D/SOP315
Dodecane, trimethyl		5,900	N TIC, J		"	"	"	"	8270D/SOP315
Hexadecenoic acid		6,000	N TIC, J		"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-16 **Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-5 **Semivolatle Organic Compounds by EPA Method 8270D**

Nonadecane		11,000	N TIC, J		ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Oleic Acid		13,000	N TIC, J		"	"	"	"	8270D/SOP315
Tetradecane		7,600	N TIC, J		"	"	"	"	8270D/SOP315
Tridecane		7,600	N TIC, J		"	"	"	"	8270D/SOP315
Undecane, dimethyl		7,200	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>			28 %	20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>			56 %	20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>			66 %	20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			61 %	20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			52 %	20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			49 %	20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			67 %	31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			62 %	20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			79 %	20-125%		"	"	"	

**Sample ID:** OSPTA-5 **Conventional Chemistry Parameters by APHA/EPA Methods**

% Solids		67		1	%				B1B0069 02/21/11 02/22/11 3550C/SOP460
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**Lab ID:** 1102011-17 **Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-6 **Semivolatle Organic Compounds by EPA Method 8270D**

Phenol		ND	U	1,300	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	240	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	240	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	240	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	1,300	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	240	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	240	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	1,300	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	240	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	240	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	240	"	"	"	"	8270D/SOP315
Isophorone		ND	U	240	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	1,300	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	240	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	240	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	240	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-17

**Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-6

							<b>Semivolatile Organic Compounds by EPA Method 8270D</b>		
4-Chloroaniline		ND	J, Q2, U	1,300	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Hexachlorobutadiene		ND	U	240	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	1,300	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	240	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	1,300	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	240	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	1,300	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	240	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	240	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	240	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	1,300	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	240	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	4,900	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	240	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	240	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	240	"	"	"	"	8270D/SOP315
Fluorene		ND	U	240	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	240	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	1,300	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	240	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	240	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	240	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	1,300	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	240	"	"	"	"	8270D/SOP315
Anthracene		ND	U	240	"	"	"	"	8270D/SOP315
Carbazole		ND	U	240	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	240	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	240	"	"	"	"	8270D/SOP315
Pyrene		ND	U	240	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	240	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	240	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	240	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-17

**Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-6

Semivolatile Organic Compounds by EPA Method 8270D									
Chrysene		ND	U	240	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-ethylhexyl) phthalate		1,600		240	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	240	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	240	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	240	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	240	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	240	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	240	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	240	"	"	"	"	8270D/SOP315
Cholesterol		6,200	N TIC, J		"	"	"	"	8270D/SOP315
Cholestnol		5,500	N TIC, J		"	"	"	"	8270D/SOP315
Dodecane, trimethyl		4,000	N TIC, J		"	"	"	"	8270D/SOP315
Nonadecane		8,100	N TIC, J		"	"	"	"	8270D/SOP315
Octadecenoic acid,		8,200	N TIC, J		"	"	"	"	8270D/SOP315
Octane, dimethyl		4,900	N TIC, J		"	"	"	"	8270D/SOP315
Pentadecane		3,900	N TIC, J		"	"	"	"	8270D/SOP315
Tetradecane		5,500	N TIC, J		"	"	"	"	8270D/SOP315
Tridecane		5,000	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>		14 %		20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>		26 %		20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>		33 %		20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>		29 %		20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		27 %		20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		25 %		20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		40 %		31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		39 %		20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>		45 %		20-125%		"	"	"	

**Sample ID:** OSPTA-6

**Conventional Chemistry Parameters by APHA/EPA Methods**  
B1B0069 02/21/11 02/22/11 3550C/SOP460

% Solids 67 1 %

**Lab ID:** 1102011-18

**Soil - Sampled: 02/09/11 15:36**

**Sample ID:** ISPPA-1

Semivolatile Organic Compounds by EPA Method 8270D									
Phenol		ND	U	1,000	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	190	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	1,000	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	1,000	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315





# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-18

**Soil - Sampled: 02/09/11 15:36**

**Sample ID:** ISPPA-1

						Semivolatile Organic Compounds by EPA Method 8270D			
2-Methylphenol	ND	U		1,000	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether	ND	U		190	"	"	"	"	8270D/SOP315
3&4-Methylphenol	ND	U		1,000	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine	ND	U		190	"	"	"	"	8270D/SOP315
Hexachloroethane	ND	U		190	"	"	"	"	8270D/SOP315
Nitrobenzene	ND	U		190	"	"	"	"	8270D/SOP315
Isophorone	ND	U		190	"	"	"	"	8270D/SOP315
2-Nitrophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol	ND	J, Q2, U		1,000	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane	ND	U		190	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene	ND	U		190	"	"	"	"	8270D/SOP315
Naphthalene	ND	U		190	"	"	"	"	8270D/SOP315
4-Chloroaniline	ND	J, Q2, U		1,000	"	"	"	"	8270D/SOP315
Hexachlorobutadiene	ND	U		190	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol	ND	U		1,000	"	"	"	"	8270D/SOP315
2-Methylnaphthalene	ND	U		190	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene	ND	U		1,000	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
2-Chloronaphthalene	ND	U		190	"	"	"	"	8270D/SOP315
2-Nitroaniline	ND	U		1,000	"	"	"	"	8270D/SOP315
Dimethyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene	ND	U		190	"	"	"	"	8270D/SOP315
Acenaphthylene	ND	U		190	"	"	"	"	8270D/SOP315
3-Nitroaniline	ND	J, Q2, U		1,000	"	"	"	"	8270D/SOP315
Acenaphthene	ND	U		190	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol	ND	U		3,900	"	"	"	"	8270D/SOP315
4-Nitrophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
Dibenzofuran	ND	U		190	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene	ND	U		190	"	"	"	"	8270D/SOP315
Diethyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Fluorene	ND	U		190	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
4-Nitroaniline	ND	U		1,000	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol	ND	U		1,000	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-18

**Soil - Sampled: 02/09/11 15:36**

**Sample ID:** ISPPA-1

						Semivolatile Organic Compounds by EPA Method 8270D			
Diphenyl amine	ND	U		190	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
4-Bromophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
Hexachlorobenzene	ND	U		190	"	"	"	"	8270D/SOP315
Pentachlorophenol	ND	U		1,000	"	"	"	"	8270D/SOP315
Phenanthrene	ND	U		190	"	"	"	"	8270D/SOP315
Anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Carbazole	ND	U		190	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate	150	C1, J		190	"	"	"	"	8270D/SOP315
Fluoranthene	170	C1, J		190	"	"	"	"	8270D/SOP315
Pyrene	230			190	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(a)anthracene	ND	U		190	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine	ND	J, Q2, U		190	"	"	"	"	8270D/SOP315
Chrysene	140	C1, J		190	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate	620			190	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene	160	C1, J		190	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(a)pyrene	120	C1, J		190	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene	ND	U		190	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene	120	C1, J		190	"	"	"	"	8270D/SOP315
Cholestenol	1,600	N TIC, J			"	"	"	"	8270D/SOP315
Dodecane, trimethyl (01)	830	N TIC, J			"	"	"	"	8270D/SOP315
Dodecane, trimethyl (02)	1,300	N TIC, J			"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>		29 %		20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>		61 %		20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>		62 %		20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>		62 %		20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		54 %		20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		51 %		20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		65 %		31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		86 %		20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>		77 %		20-125%		"	"	"	

**Sample ID:** ISPPA-1

% Solids	85			1	%
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**Conventional Chemistry Parameters by APHA/EPA Methods**  
B1B0069 02/21/11 02/22/11 3550C/SOP460

**Lab ID:** 1102011-19

**Soil - Sampled: 02/09/11 15:43**

**Sample ID:** ISPPA-2

**Semivolatile Organic Compounds by EPA Method 8270D**



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-19

**Soil - Sampled: 02/09/11 15:43**

**Sample ID:** ISPPA-2

						Semivolatile Organic Compounds by EPA Method 8270D			
Phenol		ND	U	990	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	190	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	990	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	990	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	990	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	190	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	990	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	190	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	190	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	190	"	"	"	"	8270D/SOP315
Isophorone		ND	U	190	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	990	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	990	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	190	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	990	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	190	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	190	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	990	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	190	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	990	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	190	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	990	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	990	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	990	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	190	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	990	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	190	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	190	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	190	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	990	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	190	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	3,900	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	990	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-19

**Soil - Sampled: 02/09/11 15:43**

**Sample ID:** ISPPA-2

						Semivolatile Organic Compounds by EPA Method 8270D			
Dibenzofuran	ND	U		190	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
2,4-Dinitrotoluene	ND	U		190	"	"	"	"	8270D/SOP315
Diethyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Fluorene	ND	U		190	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
4-Nitroaniline	ND	U		990	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol	ND	U		990	"	"	"	"	8270D/SOP315
Diphenyl amine	ND	U		190	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
Hexachlorobenzene	ND	U		190	"	"	"	"	8270D/SOP315
Pentachlorophenol	ND	U		990	"	"	"	"	8270D/SOP315
Phenanthrene	190			190	"	"	"	"	8270D/SOP315
Anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Carbazole	ND	U		190	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Fluoranthene	320			190	"	"	"	"	8270D/SOP315
Pyrene	410			190	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate	120	C1, J		190	"	"	"	"	8270D/SOP315
Benzo(a)anthracene	190			190	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine	ND	J, Q2, U		190	"	"	"	"	8270D/SOP315
Chrysene	240			190	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate	580			190	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene	260			190	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(a)pyrene	180	C1, J		190	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene	130	C1, J		190	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene	160	C1, J		190	"	"	"	"	8270D/SOP315
Cholestenol	1,500	N TIC, J			"	"	"	"	8270D/SOP315
Octacosane	1,200	N TIC, J			"	"	"	"	8270D/SOP315

Surrogate: 1,4-Dioxane-d8	32 %	20-110%	"	"	"
Surrogate: 2-Fluorophenol	64 %	20-118%	"	"	"
Surrogate: Phenol-d5	65 %	20-117%	"	"	"
Surrogate: 2-Chlorophenol-d4	65 %	20-111%	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	58 %	20-110%	"	"	"
Surrogate: Nitrobenzene-d5	54 %	20-131%	"	"	"
Surrogate: 2-Fluorobiphenyl	68 %	31-110%	"	"	"



# United States Environmental Protection Agency Region 9 Laboratory

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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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<b>Lab ID:</b> 1102011-19		<b>Soil - Sampled: 02/09/11 15:43</b>
<b>Sample ID:</b> ISPPA-2		<b>Semivolatle Organic Compounds by EPA Method 8270D</b>
Surrogate: 2,4,6-Tribromophenol	89 %	20-144%
Surrogate: Terphenyl-d14	78 %	20-125%
		B1B0042 02/15/11 03/01/11 " " "

<b>Sample ID:</b> ISPPA-2		<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>
% Solids	86	1 %
		B1B0069 02/21/11 02/22/11 3550C/SOP460

<b>Lab ID:</b> 1102011-20		<b>Soil - Sampled: 02/09/11 15:49</b>
<b>Sample ID:</b> ISPPA-3		<b>Semivolatle Organic Compounds by EPA Method 8270D</b>
Phenol	ND U	960 ug/kg dry
Bis(2-chloroethyl)ether	ND U	190 "
2-Chlorophenol	ND U	960 "
1,3-Dichlorobenzene	ND U	190 "
1,4-Dichlorobenzene	ND U	190 "
Benzyl alcohol	ND U	960 "
1,2-Dichlorobenzene	ND U	190 "
2-Methylphenol	ND U	960 "
Bis(2-chloro-1-methylethyl) ether	ND U	190 "
3&4-Methylphenol	ND U	960 "
N-Nitrosodipropylamine	ND U	190 "
Hexachloroethane	ND U	190 "
Nitrobenzene	ND U	190 "
Isophorone	ND U	190 "
2-Nitrophenol	ND U	960 "
2,4-Dimethylphenol	ND J, Q2, U	960 "
Bis(2-chloroethoxy)methane	ND U	190 "
2,4-Dichlorophenol	ND U	960 "
1,2,4-Trichlorobenzene	ND U	190 "
Naphthalene	ND U	190 "
4-Chloroaniline	ND J, Q2, U	960 "
Hexachlorobutadiene	ND U	190 "
4-Chloro-3-methylphenol	ND U	960 "
2-Methylnaphthalene	ND U	190 "
Hexachlorocyclopentadiene	ND U	960 "
2,4,6-Trichlorophenol	ND U	960 "
2,4,5-Trichlorophenol	ND U	960 "
2-Chloronaphthalene	ND U	190 "
2-Nitroaniline	ND U	960 "
Dimethyl phthalate	ND U	190 "
2,6-Dinitrotoluene	ND U	190 "



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone: (510) 412-2300 Fax: (510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102011-20

Soil - Sampled: 02/09/11 15:49

Sample ID: ISPPA-3

						Semivolatile Organic Compounds by EPA Method 8270D			
Acenaphthylene	ND	U		190	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
3-Nitroaniline	ND	J, Q2, U		960	"	"	"	"	8270D/SOP315
Acenaphthene	ND	U		190	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol	ND	U		3,700	"	"	"	"	8270D/SOP315
4-Nitrophenol	ND	U		960	"	"	"	"	8270D/SOP315
Dibenzofuran	ND	U		190	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene	ND	U		190	"	"	"	"	8270D/SOP315
Diethyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Fluorene	ND	U		190	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
4-Nitroaniline	ND	U		960	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol	ND	U		960	"	"	"	"	8270D/SOP315
Diphenyl amine	ND	U		190	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether	ND	U		190	"	"	"	"	8270D/SOP315
Hexachlorobenzene	ND	U		190	"	"	"	"	8270D/SOP315
Pentachlorophenol	ND	U		960	"	"	"	"	8270D/SOP315
Phenanthrene	160	C1, J		190	"	"	"	"	8270D/SOP315
Anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Carbazole	ND	U		190	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Fluoranthene	240			190	"	"	"	"	8270D/SOP315
Pyrene	310			190	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate	260			190	"	"	"	"	8270D/SOP315
Benzo(a)anthracene	140	C1, J		190	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine	ND	J, Q2, U		190	"	"	"	"	8270D/SOP315
Chrysene	190			190	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate	670			190	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene	210			190	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(a)pyrene	150	C1, J		190	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene	100	C1, J		190	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene	ND	U		190	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene	130	C1, J		190	"	"	"	"	8270D/SOP315
Cholestenol	1,000	N TIC, J			"	"	"	"	8270D/SOP315
Methoxyacetic acid, tetradec...	1,000	N TIC, J			"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>		33 %		20-110%		"	"	"	



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-20 **Soil - Sampled: 02/09/11 15:49**

<b>Sample ID:</b> ISPPA-3	<b>Semivolatle Organic Compounds by EPA Method 8270D</b>								
<i>Surrogate: 2-Fluorophenol</i>		68 %		20-118%		B1B0042	02/15/11	03/01/11	
<i>Surrogate: Phenol-d5</i>		68 %		20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>		70 %		20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		63 %		20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		59 %		20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		73 %		31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		92 %		20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>		82 %		20-125%		"	"	"	

<b>Sample ID:</b> ISPPA-3	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>								
% Solids		89		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-21 **Soil - Sampled: 02/09/11 15:59**

<b>Sample ID:</b> ISPPA-4	<b>Semivolatle Organic Compounds by EPA Method 8270D</b>								
Phenol		ND	U	910	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	180	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	910	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	180	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	180	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	180	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Isophorone		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	910	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	U	910	"	"	"	"	8270D/SOP315



# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-21

**Soil - Sampled: 02/09/11 15:59**

**Sample ID:** ISPPA-4

						Semivolatile Organic Compounds by EPA Method 8270D			
2,4,6-Trichlorophenol		ND	U	910	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	910	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	180	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	U	910	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	180	"	"	"	"	8270D/SOP315
Diethyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluorene		ND	U	180	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	910	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	180	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	180	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	180	"	"	"	"	8270D/SOP315
Anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Carbazole		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	180	"	"	"	"	8270D/SOP315
Chrysene		ND	U	180	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315





# United States Environmental Protection Agency Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804  
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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-21

**Soil - Sampled: 02/09/11 15:59**

**Sample ID:** ISPPA-4

Semivolatile Organic Compounds by EPA Method 8270D									
Benzo(a)pyrene		ND	U	180	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	180	"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>			28 %	20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>			42 %	20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>			45 %	20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			45 %	20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			46 %	20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			42 %	20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			51 %	31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			50 %	20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			63 %	20-125%		"	"	"	

**Sample ID:** ISPPA-4

Conventional Chemistry Parameters by APHA/EPA Methods									
% Solids		93		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-22

**Soil - Sampled: 02/09/11 16:00**

**Sample ID:** ISPPA-5

Semivolatile Organic Compounds by EPA Method 8270D									
Phenol		ND	U	910	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	180	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Benzyl alcohol		ND	U	910	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	180	"	"	"	"	8270D/SOP315
3&4-Methylphenol		ND	U	910	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	180	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	180	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Isophorone		ND	U	180	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	910	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	J, Q2, U	910	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	180	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	910	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	180	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	180	"	"	"	"	8270D/SOP315



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-22

**Soil - Sampled: 02/09/11 16:00**

**Sample ID:** ISPPA-5

						Semivolatile Organic Compounds by EPA Method 8270D			
4-Chloroaniline	ND	J, Q2, U	910	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315	
Hexachlorobutadiene	ND	U	180	"	"	"	"	8270D/SOP315	
4-Chloro-3-methylphenol	ND	U	910	"	"	"	"	8270D/SOP315	
2-Methylnaphthalene	ND	U	180	"	"	"	"	8270D/SOP315	
Hexachlorocyclopentadiene	ND	U	910	"	"	"	"	8270D/SOP315	
2,4,6-Trichlorophenol	ND	U	910	"	"	"	"	8270D/SOP315	
2,4,5-Trichlorophenol	ND	U	910	"	"	"	"	8270D/SOP315	
2-Chloronaphthalene	ND	U	180	"	"	"	"	8270D/SOP315	
2-Nitroaniline	ND	U	910	"	"	"	"	8270D/SOP315	
Dimethyl phthalate	ND	U	180	"	"	"	"	8270D/SOP315	
2,6-Dinitrotoluene	ND	U	180	"	"	"	"	8270D/SOP315	
Acenaphthylene	ND	U	180	"	"	"	"	8270D/SOP315	
3-Nitroaniline	ND	J, Q2, U	910	"	"	"	"	8270D/SOP315	
Acenaphthene	ND	U	180	"	"	"	"	8270D/SOP315	
2,4-Dinitrophenol	ND	U	3,600	"	"	"	"	8270D/SOP315	
4-Nitrophenol	ND	U	910	"	"	"	"	8270D/SOP315	
Dibenzofuran	ND	U	180	"	"	"	"	8270D/SOP315	
2,4-Dinitrotoluene	ND	U	180	"	"	"	"	8270D/SOP315	
Diethyl phthalate	ND	U	180	"	"	"	"	8270D/SOP315	
Fluorene	ND	U	180	"	"	"	"	8270D/SOP315	
4-Chlorophenyl phenyl ether	ND	U	180	"	"	"	"	8270D/SOP315	
4-Nitroaniline	ND	U	910	"	"	"	"	8270D/SOP315	
4,6-Dinitro-2-methylphenol	ND	U	910	"	"	"	"	8270D/SOP315	
Diphenyl amine	ND	U	180	"	"	"	"	8270D/SOP315	
4-Bromophenyl phenyl ether	ND	U	180	"	"	"	"	8270D/SOP315	
Hexachlorobenzene	ND	U	180	"	"	"	"	8270D/SOP315	
Pentachlorophenol	ND	U	910	"	"	"	"	8270D/SOP315	
Phenanthrene	ND	U	180	"	"	"	"	8270D/SOP315	
Anthracene	ND	U	180	"	"	"	"	8270D/SOP315	
Carbazole	ND	U	180	"	"	"	"	8270D/SOP315	
Di-n-butyl phthalate	ND	U	180	"	"	"	"	8270D/SOP315	
Fluoranthene	ND	U	180	"	"	"	"	8270D/SOP315	
Pyrene	ND	U	180	"	"	"	"	8270D/SOP315	
Butyl benzyl phthalate	ND	U	180	"	"	"	"	8270D/SOP315	
Benzo(a)anthracene	ND	U	180	"	"	"	"	8270D/SOP315	
3,3'-Dichlorobenzidine	ND	J, Q2, U	180	"	"	"	"	8270D/SOP315	



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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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**Lab ID:** 1102011-22

**Soil - Sampled: 02/09/11 16:00**

**Sample ID:** ISPPA-5

Semivolatile Organic Compounds by EPA Method 8270D									
Chrysene		ND	U	180	ug/kg dry	B1B0042	02/15/11	03/01/11	8270D/SOP315
Bis(2-ethylhexyl) phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	180	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	180	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	180	"	"	"	"	8270D/SOP315
<i>Surrogate: 1,4-Dioxane-d8</i>			36 %	20-110%		"	"	"	
<i>Surrogate: 2-Fluorophenol</i>			63 %	20-118%		"	"	"	
<i>Surrogate: Phenol-d5</i>			65 %	20-117%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			66 %	20-111%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			64 %	20-110%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			57 %	20-131%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			71 %	31-110%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			76 %	20-144%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			79 %	20-125%		"	"	"	

**Sample ID:** ISPPA-5

Conventional Chemistry Parameters by APHA/EPA Methods									
% Solids		93		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

**Blank (B1B0042-BLK1)**

Phenol	ND	U	170	ug/kg wet						
Bis(2-chloroethyl)ether	ND	U	33	"						
2-Chlorophenol	ND	U	170	"						
1,3-Dichlorobenzene	ND	U	33	"						
1,4-Dichlorobenzene	ND	U	33	"						
Benzyl alcohol	ND	U	170	"						
1,2-Dichlorobenzene	ND	U	33	"						
2-Methylphenol	ND	U	170	"						
Bis(2-chloro-1-methylethyl) ether	ND	U	33	"						
3&4-Methylphenol	ND	U	170	"						
N-Nitrosodipropylamine	ND	U	33	"						
Hexachloroethane	ND	U	33	"						
Nitrobenzene	ND	U	33	"						
Isophorone	ND	U	33	"						
2-Nitrophenol	ND	U	170	"						
2,4-Dimethylphenol	ND	J, Q2, U	170	"						
Bis(2-chloroethoxy)methane	ND	U	33	"						
2,4-Dichlorophenol	ND	U	170	"						
1,2,4-Trichlorobenzene	ND	U	33	"						
Naphthalene	ND	U	33	"						
4-Chloroaniline	ND	J, Q2, U	170	"						
Hexachlorobutadiene	ND	U	33	"						
4-Chloro-3-methylphenol	ND	U	170	"						
2-Methylnaphthalene	ND	U	33	"						
Hexachlorocyclopentadiene	ND	U	170	"						
2,4,6-Trichlorophenol	ND	U	170	"						
2,4,5-Trichlorophenol	ND	U	170	"						
2-Chloronaphthalene	ND	U	33	"						
2-Nitroaniline	ND	U	170	"						
Dimethyl phthalate	ND	U	33	"						
2,6-Dinitrotoluene	ND	U	33	"						
Acenaphthylene	ND	U	33	"						
3-Nitroaniline	ND	J, Q2, U	170	"						
Acenaphthene	ND	U	33	"						
2,4-Dinitrophenol	ND	U	670	"						
4-Nitrophenol	ND	U	170	"						
Dibenzofuran	ND	U	33	"						
2,4-Dinitrotoluene	ND	U	33	"						
Diethyl phthalate	ND	U	33	"						
Fluorene	ND	U	33	"						
4-Chlorophenyl phenyl ether	ND	U	33	"						



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

### Blank (B1B0042-BLK1)

4-Nitroaniline	ND	U	170	"						
4,6-Dinitro-2-methylphenol	ND	U	170	"						
Diphenyl amine	ND	U	33	"						
4-Bromophenyl phenyl ether	ND	U	33	"						
Hexachlorobenzene	ND	U	33	"						
Pentachlorophenol	ND	U	170	"						
Phenanthrene	ND	U	33	"						
Anthracene	ND	U	33	"						
Carbazole	ND	U	33	"						
Di-n-butyl phthalate	ND	U	33	"						
Fluoranthene	ND	U	33	"						
Pyrene	ND	U	33	"						
Butyl benzyl phthalate	ND	U	33	"						
Benzo(a)anthracene	ND	U	33	"						
3,3'-Dichlorobenzidine	ND	J, Q2, U	33	"						
Chrysene	ND	U	33	"						
Bis(2-ethylhexyl) phthalate	ND	U	33	"						
Di-n-octyl phthalate	ND	U	33	"						
Benzo(b)fluoranthene	ND	U	33	"						
Benzo(k)fluoranthene	ND	U	33	"						
Benzo(a)pyrene	ND	U	33	"						
Indeno(1,2,3-cd)pyrene	ND	U	33	"						
Dibenz(a,h)anthracene	ND	U	33	"						
Benzo(g,h,i)perylene	ND	U	33	"						

Surrogate: 1,4-Dioxane-d8	50.7			"	167		30	20-110		
Surrogate: 2-Fluorophenol	779			"	1670		47	20-118		
Surrogate: Phenol-d5	807			"	1670		48	20-117		
Surrogate: 2-Chlorophenol-d4	801			"	1670		48	20-111		
Surrogate: 1,2-Dichlorobenzene-d4	807			"	1670		48	20-110		
Surrogate: Nitrobenzene-d5	718			"	1670		43	20-131		
Surrogate: 2-Fluorobiphenyl	786			"	1670		47	31-110		
Surrogate: 2,4,6-Tribromophenol	737			"	1670		44	20-144		
Surrogate: Terphenyl-d14	876			"	1670		53	20-125		

### LCS (B1B0042-BS1)

1,4-Dioxane	330		33	ug/kg wet	333		99	70-130		200
Phenol	1,370		170	"	1670		82	70-130		200
Bis(2-chloroethyl)ether	297		33	"	333		89	70-130		200
2-Chlorophenol	1,280		170	"	1670		77	70-130		200
1,3-Dichlorobenzene	260		33	"	333		78	70-130		200



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

### LCS (B1B0042-BS1)

1,4-Dichlorobenzene	271		33	"	333		81	70-130		200
Benzyl alcohol	1,450		170	"	1670		87	70-130		200
1,2-Dichlorobenzene	270		33	"	333		81	70-130		200
2-Methylphenol	1,220		170	"	1670		73	70-130		200
Bis(2-chloro-1-methylethyl) ether	280		33	"	333		84	70-130		200
3&4-Methylphenol	1,360		170	"	1670		82	70-130		200
N-Nitrosodipropylamine	258		33	"	333		77	70-130		200
Hexachloroethane	265		33	"	333		79	70-130		200
Nitrobenzene	288		33	"	333		86	70-130		200
Isophorone	270		33	"	333		81	70-130		200
2-Nitrophenol	1,310		170	"	1670		79	70-130		200
2,4-Dimethylphenol	955		170	"	1670		57	70-130		200
Bis(2-chloroethoxy)methane	275		33	"	333		83	70-130		200
2,4-Dichlorophenol	1,270		170	"	1670		76	70-130		200
1,2,4-Trichlorobenzene	269		33	"	333		81	70-130		200
Naphthalene	281		33	"	333		84	70-130		200
4-Chloroaniline	411		170	"	1670		25	70-130		200
Hexachlorobutadiene	275		33	"	333		82	70-130		200
4-Chloro-3-methylphenol	1,410		170	"	1670		84	70-130		200
2-Methylnaphthalene	265		33	"	333		80	70-130		200
Hexachlorocyclopentadiene	1,330		170	"	1670		80	70-130		200
2,4,6-Trichlorophenol	1,340		170	"	1670		81	70-130		200
2,4,5-Trichlorophenol	1,540		170	"	1670		93	70-130		200
2-Chloronaphthalene	282		33	"	333		85	70-130		200
2-Nitroaniline	1,460		170	"	1670		88	70-130		200
Dimethyl phthalate	304		33	"	333		91	70-130		200
2,6-Dinitrotoluene	307		33	"	333		92	70-130		200
Acenaphthylene	274		33	"	333		82	70-130		200
3-Nitroaniline	800		170	"	1670		48	70-130		200
Acenaphthene	349		33	"	333		105	70-130		200
2,4-Dinitrophenol	1,590		670	"	1670		95	70-130		200
4-Nitrophenol	1,780		170	"	1670		107	70-130		200
Dibenzofuran	286		33	"	333		86	70-130		200
2,4-Dinitrotoluene	335		33	"	333		100	70-130		200
Diethyl phthalate	312		33	"	333		94	70-130		200
Fluorene	284		33	"	333		85	70-130		200
4-Chlorophenyl phenyl ether	292		33	"	333		88	70-130		200
4-Nitroaniline	1,270		170	"	1670		76	70-130		200
4,6-Dinitro-2-methylphenol	1,550		170	"	1670		93	70-130		200
Diphenyl amine	254		33	"	333		76	70-130		200
4-Bromophenyl phenyl ether	288		33	"	333		86	70-130		200
Hexachlorobenzene	291		33	"	333		87	70-130		200



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<b>Project Manager:</b> Cameron McDonald <b>Project Number:</b> R11R03 <b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>RCRA Enforcement Office</b> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 16:04
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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

### LCS (B1B0042-BS1)

Pentachlorophenol	1,930		170	"	1670		116	70-130		200
Phenanthrene	296		33	"	333		89	70-130		200
Anthracene	294		33	"	333		88	70-130		200
Carbazole	304		33	"	333		91	70-130		200
Di-n-butyl phthalate	348		33	"	333		104	70-130		200
Fluoranthene	321		33	"	333		96	70-130		200
Pyrene	305		33	"	333		92	70-130		200
Butyl benzyl phthalate	324		33	"	333		97	70-130		200
Benzo(a)anthracene	303		33	"	333		91	70-130		200
3,3'-Dichlorobenzidine	477		33	"	1670		29	70-130		200
Chrysene	316		33	"	333		95	70-130		200
Bis(2-ethylhexyl) phthalate	332		33	"	333		100	70-130		200
Di-n-octyl phthalate	372		33	"	333		112	70-130		200
Benzo(b)fluoranthene	329		33	"	333		99	70-130		200
Benzo(k)fluoranthene	355		33	"	333		107	70-130		200
Benzo(a)pyrene	305		33	"	333		92	70-130		200
Indeno(1,2,3-cd)pyrene	343		33	"	333		103	70-130		200
Dibenz(a,h)anthracene	357		33	"	333		107	70-130		200
Benzo(g,h,i)perylene	279		33	"	333		84	70-130		200

Surrogate: 1,4-Dioxane-d8	91.0			"	167		55	20-110		
Surrogate: 2-Fluorophenol	1410			"	1670		85	20-118		
Surrogate: Phenol-d5	1420			"	1670		85	20-117		
Surrogate: 2-Chlorophenol-d4	1420			"	1670		85	20-111		
Surrogate: 1,2-Dichlorobenzene-d4	1380			"	1670		83	20-110		
Surrogate: Nitrobenzene-d5	1330			"	1670		80	20-131		
Surrogate: 2-Fluorobiphenyl	1330			"	1670		80	31-110		
Surrogate: 2,4,6-Tribromophenol	1890			"	1670		114	20-144		
Surrogate: Terphenyl-d14	1530			"	1670		92	20-125		

### Matrix Spike (B1B0042-MS1)

Source: 1102011-12

1,4-Dioxane	2,050		200	ug/kg dry	401	ND	511	70-130		20
Phenol	1,550		1,000	"	2000	ND	77	70-130		20
Bis(2-chloroethyl)ether	272		200	"	401	ND	68	70-130		20
2-Chlorophenol	1,380		1,000	"	2000	ND	69	70-130		20
1,3-Dichlorobenzene	222		200	"	401	ND	56	70-130		20
1,4-Dichlorobenzene	234		200	"	401	ND	58	70-130		20
Benzyl alcohol	1,410		1,000	"	2000	ND	70	70-130		20
1,2-Dichlorobenzene	242		200	"	401	ND	60	70-130		20
2-Methylphenol	1,460		1,000	"	2000	ND	73	70-130		20
Bis(2-chloro-1-methylethyl) ether	264		200	"	401	ND	66	70-130		20



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Matrix Spike (B1B0042-MS1)		Semivolatile Organic Compounds by EPA Method 8270D - Quality Control									
		Source: 1102011-12									
3&4-Methylphenol	1,620		1,000	"	2000	ND	81	70-130		20	
N-Nitrosodipropylamine	276		200	"	401	ND	69	70-130		20	
Hexachloroethane	208		200	"	401	ND	52	70-130		20	
Nitrobenzene	272		200	"	401	ND	68	70-130		20	
Isophorone	290		200	"	401	ND	72	70-130		20	
2-Nitrophenol	1,280		1,000	"	2000	ND	64	70-130		20	
2,4-Dimethylphenol	1,410		1,000	"	2000	ND	71	70-130		20	
Bis(2-chloroethoxy)methane	268		200	"	401	ND	67	70-130		20	
2,4-Dichlorophenol	1,390		1,000	"	2000	ND	69	70-130		20	
1,2,4-Trichlorobenzene	252		200	"	401	ND	63	70-130		20	
Naphthalene	284		200	"	401	ND	71	70-130		20	
4-Chloroaniline	ND	U	1,000	"	2000	ND		70-130		20	
Hexachlorobutadiene	250		200	"	401	ND	62	70-130		20	
4-Chloro-3-methylphenol	1,490		1,000	"	2000	ND	74	70-130		20	
2-Methylnaphthalene	284		200	"	401	ND	71	70-130		20	
Hexachlorocyclopentadiene	ND	U	1,000	"	2000	ND		70-130		20	
2,4,6-Trichlorophenol	1,420		1,000	"	2000	ND	71	70-130		20	
2,4,5-Trichlorophenol	1,540		1,000	"	2000	ND	77	70-130		20	
2-Chloronaphthalene	282		200	"	401	ND	70	70-130		20	
2-Nitroaniline	1,340		1,000	"	2000	ND	67	70-130		20	
Dimethyl phthalate	296		200	"	401	ND	74	70-130		20	
2,6-Dinitrotoluene	310		200	"	401	ND	77	70-130		20	
Acenaphthylene	280		200	"	401	ND	70	70-130		20	
3-Nitroaniline	837	C1, J	1,000	"	2000	ND	42	70-130		20	
Acenaphthene	300		200	"	401	ND	75	70-130		20	
2,4-Dinitrophenol	ND	U	4,000	"	2000	ND		70-130		20	
4-Nitrophenol	1,240		1,000	"	2000	ND	62	70-130		20	
Dibenzofuran	292		200	"	401	ND	73	70-130		20	
2,4-Dinitrotoluene	262		200	"	401	ND	65	70-130		20	
Diethyl phthalate	296		200	"	401	ND	74	70-130		20	
Fluorene	304		200	"	401	ND	76	70-130		20	
4-Chlorophenyl phenyl ether	298		200	"	401	ND	74	70-130		20	
4-Nitroaniline	1,170		1,000	"	2000	ND	58	70-130		20	
4,6-Dinitro-2-methylphenol	ND	U	1,000	"	2000	ND		70-130		20	
Diphenyl amine	354		200	"	401	ND	88	70-130		20	
4-Bromophenyl phenyl ether	286		200	"	401	ND	71	70-130		20	
Hexachlorobenzene	266		200	"	401	ND	66	70-130		20	
Pentachlorophenol	1,320		1,000	"	2000	ND	66	70-130		20	
Phenanthrene	344		200	"	401	ND	86	70-130		20	
Anthracene	276		200	"	401	ND	69	70-130		20	
Carbazole	292		200	"	401	ND	73	70-130		20	
Di-n-butyl phthalate	242		200	"	401	ND	60	70-130		20	





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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

### Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

Matrix Spike (B1B0042-MS1)	Source: 1102011-12				
Fluoranthene	292	200	"	401	ND 73 70-130 20
Pyrene	340	200	"	401	ND 85 70-130 20
Butyl benzyl phthalate	368	200	"	401	ND 92 70-130 20
Benzo(a)anthracene	322	200	"	401	ND 80 70-130 20
3,3'-Dichlorobenzidine	248	200	"	2000	ND 12 70-130 20
Chrysene	338	200	"	401	ND 84 70-130 20
Bis(2-ethylhexyl) phthalate	1,170	200	"	401	662 127 70-130 20
Di-n-octyl phthalate	362	200	"	401	ND 90 70-130 20
Benzo(b)fluoranthene	342	200	"	401	ND 86 70-130 20
Benzo(k)fluoranthene	302	200	"	401	ND 75 70-130 20
Benzo(a)pyrene	322	200	"	401	ND 80 70-130 20
Indeno(1,2,3-cd)pyrene	326	200	"	401	ND 81 70-130 20
Dibenz(a,h)anthracene	320	200	"	401	ND 80 70-130 20
Benzo(g,h,i)perylene	278	200	"	401	ND 69 70-130 20

Surrogate: 1,4-Dioxane-d8	50.1	"	200	25	20-110
Surrogate: 2-Fluorophenol	1420	"	2000	71	20-118
Surrogate: Phenol-d5	1480	"	2000	74	20-117
Surrogate: 2-Chlorophenol-d4	1460	"	2000	73	20-111
Surrogate: 1,2-Dichlorobenzene-d4	1240	"	2000	62	20-110
Surrogate: Nitrobenzene-d5	1260	"	2000	63	20-131
Surrogate: 2-Fluorobiphenyl	1470	"	2000	73	31-110
Surrogate: 2,4,6-Tribromophenol	1860	"	2000	93	20-144
Surrogate: Terphenyl-d14	1560	"	2000	78	20-125

Matrix Spike Dup (B1B0042-MSD1)	Source: 1102011-12				
1,4-Dioxane	2,070	200	ug/kg dry	400	ND 517 70-130 0.9 20
Phenol	652	C1, J	1,000	" 2000	ND 33 70-130 81 20
Bis(2-chloroethyl)ether	ND	U	200	" 400	ND 70-130 20
2-Chlorophenol	506	C1, J	1,000	" 2000	ND 25 70-130 93 20
1,3-Dichlorobenzene	ND	U	200	" 400	ND 70-130 20
1,4-Dichlorobenzene	ND	U	200	" 400	ND 70-130 20
Benzyl alcohol	ND	U	1,000	" 2000	ND 70-130 20
1,2-Dichlorobenzene	ND	U	200	" 400	ND 70-130 20
2-Methylphenol	552	C1, J	1,000	" 2000	ND 28 70-130 90 20
Bis(2-chloro-1-methylethyl) ether	ND	U	200	" 400	ND 70-130 20
3&4-Methylphenol	596	C1, J	1,000	" 2000	ND 30 70-130 92 20
N-Nitrosodipropylamine	104	C1, J	200	" 400	ND 26 70-130 91 20
Hexachloroethane	ND	U	200	" 400	ND 70-130 20
Nitrobenzene	102	C1, J	200	" 400	ND 26 70-130 91 20
Isophorone	110	C1, J	200	" 400	ND 28 70-130 90 20



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

### Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

**Matrix Spike Dup (B1B0042-MSD1)**

**Source: 1102011-12**

2-Nitrophenol	ND	U	1,000	"	2000	ND		70-130		20
2,4-Dimethylphenol	ND	U	1,000	"	2000	ND		70-130		20
Bis(2-chloroethoxy)methane	104	C1, J	200	"	400	ND	26	70-130	88	20
2,4-Dichlorophenol	522	C1, J	1,000	"	2000	ND	26	70-130	91	20
1,2,4-Trichlorobenzene	ND	U	200	"	400	ND		70-130		20
Naphthalene	104	C1, J	200	"	400	ND	26	70-130	93	20
4-Chloroaniline	ND	U	1,000	"	2000	ND		70-130		20
Hexachlorobutadiene	ND	U	200	"	400	ND		70-130		20
4-Chloro-3-methylphenol	572	C1, J	1,000	"	2000	ND	29	70-130	89	20
2-Methylnaphthalene	104	C1, J	200	"	400	ND	26	70-130	93	20
Hexachlorocyclopentadiene	ND	U	1,000	"	2000	ND		70-130		20
2,4,6-Trichlorophenol	534	C1, J	1,000	"	2000	ND	27	70-130	91	20
2,4,5-Trichlorophenol	600	C1, J	1,000	"	2000	ND	30	70-130	88	20
2-Chloronaphthalene	ND	C1, U	200	"	400	ND		70-130		20
2-Nitroaniline	496	C1, J	1,000	"	2000	ND	25	70-130	92	20
Dimethyl phthalate	112	C1, J	200	"	400	ND	28	70-130	90	20
2,6-Dinitrotoluene	118	C1, J	200	"	400	ND	29	70-130	90	20
Acenaphthylene	102	C1, J	200	"	400	ND	26	70-130	93	20
3-Nitroaniline	ND	U	1,000	"	2000	ND		70-130		20
Acenaphthene	104	C1, J	200	"	400	ND	26	70-130	97	20
2,4-Dinitrophenol	ND	U	4,000	"	2000	ND		70-130		20
4-Nitrophenol	480	C1, J	1,000	"	2000	ND	24	70-130	88	20
Dibenzofuran	106	C1, J	200	"	400	ND	27	70-130	94	20
2,4-Dinitrotoluene	102	C1, J	200	"	400	ND	26	70-130	88	20
Diethyl phthalate	120	C1, J	200	"	400	ND	30	70-130	85	20
Fluorene	116	C1, J	200	"	400	ND	29	70-130	90	20
4-Chlorophenyl phenyl ether	108	C1, J	200	"	400	ND	27	70-130	94	20
4-Nitroaniline	ND	U	1,000	"	2000	ND		70-130		20
4,6-Dinitro-2-methylphenol	ND	U	1,000	"	2000	ND		70-130		20
Diphenyl amine	118	C1, J	200	"	400	ND	29	70-130	100	20
4-Bromophenyl phenyl ether	106	C1, J	200	"	400	ND	27	70-130	92	20
Hexachlorobenzene	ND	U	200	"	400	ND		70-130		20
Pentachlorophenol	ND	U	1,000	"	2000	ND		70-130		20
Phenanthrene	130	C1, J	200	"	400	ND	32	70-130	90	20
Anthracene	102	C1, J	200	"	400	ND	26	70-130	92	20
Carbazole	112	C1, J	200	"	400	ND	28	70-130	89	20
Di-n-butyl phthalate	128	C1, J	200	"	400	ND	32	70-130	62	20
Fluoranthene	112	C1, J	200	"	400	ND	28	70-130	89	20
Pyrene	134	C1, J	200	"	400	ND	33	70-130	87	20
Butyl benzyl phthalate	132	C1, J	200	"	400	ND	33	70-130	95	20
Benzo(a)anthracene	122	C1, J	200	"	400	ND	31	70-130	90	20
3,3'-Dichlorobenzidine	ND	U	200	"	2000	ND		70-130		20



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## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0042 - 3545A ASE/PFE - SVOCs

Prepared: 02/15/11 Analyzed: 03/01/11

Matrix Spike Dup (B1B0042-MSD1)		Semivolatile Organic Compounds by EPA Method 8270D - Quality Control								
		Source: 1102011-12								
Chrysene	122	C1, J	200	"	400	ND	31	70-130	94	20
Bis(2-ethylhexyl) phthalate	552		200	"	400	662	NR	70-130	72	20
Di-n-octyl phthalate	140	C1, J	200	"	400	ND	35	70-130	89	20
Benzo(b)fluoranthene	124	C1, J	200	"	400	ND	31	70-130	94	20
Benzo(k)fluoranthene	116	C1, J	200	"	400	ND	29	70-130	89	20
Benzo(a)pyrene	116	C1, J	200	"	400	ND	29	70-130	94	20
Indeno(1,2,3-cd)pyrene	122	C1, J	200	"	400	ND	31	70-130	91	20
Dibenz(a,h)anthracene	116	C1, J	200	"	400	ND	29	70-130	94	20
Benzo(g,h,i)perylene	104	C1, J	200	"	400	ND	26	70-130	91	20

Surrogate: 1,4-Dioxane-d8	20.0			"	200		10	20-110		
Surrogate: 2-Fluorophenol	514			"	2000		26	20-118		
Surrogate: Phenol-d5	550			"	2000		28	20-117		
Surrogate: 2-Chlorophenol-d4	544			"	2000		27	20-111		
Surrogate: 1,2-Dichlorobenzene-d4	432			"	2000		22	20-110		
Surrogate: Nitrobenzene-d5	456			"	2000		23	20-131		
Surrogate: 2-Fluorobiphenyl	534			"	2000		27	31-110		
Surrogate: 2,4,6-Tribromophenol	690			"	2000		35	20-144		
Surrogate: Terphenyl-d14	598			"	2000		30	20-125		

Batch B1B0069 - Solids, Dry Weight (Prep) - Solids, Dry Weight

Prepared: 02/21/11 Analyzed: 02/22/11

Blank (B1B0069-BLK1)		Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control								
% Solids	ND	U			1 %					
Blank (B1B0069-BLK2)										
% Solids	ND	U			1 %					
Duplicate (B1B0069-DUP1)		Source: 1102011-06								
% Solids	83				1 %	83			0.3	20
Duplicate (B1B0069-DUP2)		Source: 1102011-19								
% Solids	87				1 %	86			0.8	20



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Cameron McDonald

**Project Number:** R11R03

**Project:** Western Environmental, Inc. 2011 RCRA  
Inspection

**RCRA Enforcement Office**

75 Hawthorne Street

San Francisco CA, 94105

**SDG:** 11042A

**Reported:** 03/17/11 16:04

**Qualifiers and Comments**

Q7 Surrogate spike recoveries for this sample were outside control limits.

Q6 Matrix spike/matrix spike duplicate precision criteria were not met for this analyte (see MS/MSD results for this batch in QC summary).

Q4 The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)

Q2 The laboratory control standard associated with this sample did not meet recovery criteria for this analyte (see LCS results for this batch in QC summary).

N TIC Tentatively Identified Compound - This compound was identified only by match with mass spectral library. Identification and quantitation should be considered tentative and presumptive.

J The reported result for this analyte should be considered an estimated value.

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.