



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

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

**Date:** 3/23/2011

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

**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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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

<b>Project Manager:</b> Cameron McDonald	<b>RCRA Enforcement Office</b>	<b>SDG:</b> 11042B
<b>Project Number:</b> R11R03	<b>75 Hawthorne Street</b>	<b>Reported:</b> 03/23/11 08:44
<b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>San Francisco CA, 94105</b>	

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
WTA-1	1102012-01	Water	02/09/11 09:57	02/10/11 16:30
WTA-3	1102012-02	Water	02/09/11 10:51	02/10/11 16:30
WTA-4	1102012-03	Water	02/09/11 10:59	02/10/11 16:30
WTA-5	1102012-04	Water	02/09/11 10:09	02/10/11 16:30

**SDG ID 11042B**

No Chain of Custody form was received with the water or oil samples for this work order. Sample dates and times were taken from the bottle labels.

These aqueous samples were colored, turbid, opaque, and had a very unpleasant odor.

The samples were analyzed at 10X , 25X and 100X dilution to avoid contaminating the GC/MS instrument. The MS/MSD were not evaluated because the native concentrations of analytes in the matrix spike sample exceeded the linear calibration range. Surrogate concentrations in the samples were diluted to below quantitation limits. Surrogate compounds were flagged as diluted out (D). 1,4-dioxane-d8 surrogate recoveries were rendered meaningless and are not reported.

### Work Order(s)

**1102012**



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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> 11042B <b>Reported:</b> 03/23/11 08:44
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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:** 1102012-01

**Water - Sampled: 02/09/11 09:57**

**Sample ID:** WTA-1

									<b>Semivolatile Organic Compounds by EPA Method 8270D</b>
1,4-Dioxane		1,300		730	ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
Phenol		24,000		3,700	"	"	"	"	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	730	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Benzyl alcohol	RE1	78,000		15,000	"	"	"	02/17/11	8270D/SOP315
1,2-Dichlorobenzene		ND	U	730	"	"	"	02/17/11	8270D/SOP315
2-Methylphenol		ND	U	3,700	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	730	"	"	"	"	8270D/SOP315
3&4-Methylphenol		5,100		3,700	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	730	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	730	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Isophorone		ND	U	730	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	U	3,700	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	730	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	3,700	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	3,700	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		460	C1, J, Q3	730	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	C3, J, U	3,700	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	730	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	3,700	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	730	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	730	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	U	3,700	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	730	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	15,000	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	J, Q3, U	3,700	"	"	"	"	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> 11042B <b>Reported:</b> 03/23/11 08:44
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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:** 1102012-01

**Water - Sampled: 02/09/11 09:57**

**Sample ID:** WTA-1

Semivolatile Organic Compounds by EPA Method 8270D									
Dibenzofuran		ND	U	730	ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
2,4-Dinitrotoluene		ND	U	730	"	"	"	"	8270D/SOP315
Diethyl phthalate		620	C1, J	730	"	"	"	"	8270D/SOP315
Fluorene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	730	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	3,700	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	3,700	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	730	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	730	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	3,700	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	730	"	"	"	"	8270D/SOP315
Anthracene		ND	U	730	"	"	"	"	8270D/SOP315
Carbazole		ND	U	730	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	730	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	3,700	"	"	"	"	8270D/SOP315
Chrysene		ND	U	730	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		1,300		730	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	730	"	"	"	"	8270D/SOP315
Ethanol, -methoxyethoxy		27,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxy		29,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy		23,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy etho (01)		32,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy etho (02)		120,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy eth (01)		110,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy eth (02)		44,000	N TIC, J		"	"	"	"	8270D/SOP315
Pentanoic acid		41,000	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:** 1102012-01

**Water - Sampled: 02/09/11 09:57**

**Sample ID:** WTA-1

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
Pentaoxonadecan-ol		35,000	N TIC, J		ug/L				
unknown		23,000	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 2-Fluorophenol</i>			111 %	27-115%		"	"	"	
<i>Surrogate: Phenol-d5</i>			<b>162 %</b>	20-129%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			114 %	25-120%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			99 %	20-123%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			117 %	20-144%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			102 %	26-127%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			117 %	20-159%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			87 %	21-158%		"	"	"	

**Lab ID:** 1102012-02

**Water - Sampled: 02/09/11 10:51**

**Sample ID:** WTA-3

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
1,4-Dioxane	RE2	770	C1, J	1,500	ug/L				
Phenol	RE2	24,000		7,300	"	"	"	"	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	150	"	"		02/17/11	8270D/SOP315
2-Chlorophenol		ND	U	730	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	150	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	150	"	"	"	"	8270D/SOP315
Benzyl alcohol	RE2	65,000		7,300	"	"		02/17/11	8270D/SOP315
1,2-Dichlorobenzene		ND	U	150	"	"		02/17/11	8270D/SOP315
2-Methylphenol		ND	U	730	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	150	"	"	"	"	8270D/SOP315
3&4-Methylphenol		4,000		730	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	150	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	150	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	150	"	"	"	"	8270D/SOP315
Isophorone		ND	U	150	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	730	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	U	730	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	150	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	730	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	150	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	150	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	730	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	150	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		660	C1, J	730	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		ND	J, Q3, U	150	"	"	"	"	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: 1102012-02

Water - Sampled: 02/09/11 10:51

Sample ID: WTA-3

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
Hexachlorocyclopentadiene	ND	C3, J, U	730	ug/L	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol	ND	U	730	"	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol	ND	U	730	"	"	"	"	"	8270D/SOP315
2-Chloronaphthalene	ND	U	150	"	"	"	"	"	8270D/SOP315
2-Nitroaniline	ND	U	730	"	"	"	"	"	8270D/SOP315
Dimethyl phthalate	ND	U	150	"	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene	ND	U	150	"	"	"	"	"	8270D/SOP315
Acenaphthylene	ND	U	150	"	"	"	"	"	8270D/SOP315
3-Nitroaniline	ND	U	730	"	"	"	"	"	8270D/SOP315
Acenaphthene	ND	U	150	"	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol	ND	U	2,900	"	"	"	"	"	8270D/SOP315
4-Nitrophenol	ND	J, Q3, U	730	"	"	"	"	"	8270D/SOP315
Dibenzofuran	ND	U	150	"	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene	ND	U	150	"	"	"	"	"	8270D/SOP315
Diethyl phthalate	390		150	"	"	"	"	"	8270D/SOP315
Fluorene	ND	U	150	"	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether	ND	U	150	"	"	"	"	"	8270D/SOP315
4-Nitroaniline	ND	U	730	"	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol	ND	U	730	"	"	"	"	"	8270D/SOP315
Diphenyl amine	ND	U	150	"	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether	ND	U	150	"	"	"	"	"	8270D/SOP315
Hexachlorobenzene	ND	U	150	"	"	"	"	"	8270D/SOP315
Pentachlorophenol	ND	U	730	"	"	"	"	"	8270D/SOP315
Phenanthrene	ND	U	150	"	"	"	"	"	8270D/SOP315
Anthracene	ND	U	150	"	"	"	"	"	8270D/SOP315
Carbazole	ND	U	150	"	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate	ND	U	150	"	"	"	"	"	8270D/SOP315
Fluoranthene	ND	U	150	"	"	"	"	"	8270D/SOP315
Pyrene	ND	J, Q1, U	150	"	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate	ND	J, Q1, U	150	"	"	"	"	"	8270D/SOP315
Benzo(a)anthracene	ND	J, Q1, U	150	"	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine	ND	J, Q1, Q2, U	730	"	"	"	"	"	8270D/SOP315
Chrysene	ND	J, Q1, U	150	"	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate	320	J, Q1	150	"	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate	ND	U	150	"	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene	ND	U	150	"	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene	ND	U	150	"	"	"	"	"	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:** 1102012-02

**Water - Sampled: 02/09/11 10:51**

**Sample ID:** WTA-3

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
Benzo(a)pyrene		ND	U	150	ug/L				
Indeno(1,2,3-cd)pyrene		ND	U	150	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	150	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	150	"	"	"	"	8270D/SOP315
Ethanol, butoxy		28,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxy-		28,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, ethoxyethoxy ethoxy		9,800	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy (01)		8,400	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy (02)		25,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol,-butoxyethoxy ethoxy (01)		8,500	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol,-butoxyethoxy ethoxy (02)		47,000	N TIC, J		"	"	"	"	8270D/SOP315
Pentaoxahexadecan-ol		26,000	N TIC, J		"	"	"	"	8270D/SOP315
Pentaoxapentadecane		10,000	N TIC, J		"	"	"	"	8270D/SOP315
Tetraoxadodecane		8,300	N TIC, J		"	"	"	"	8270D/SOP315
Tetraoxahexadecan-ol		27,000	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 2-Fluorophenol</i>			67 %	27-115%		"	"	"	
<i>Surrogate: Phenol-d5</i>			93 %	20-129%		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>			100 %	25-120%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			53 %	20-123%		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>			101 %	20-144%		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>			101 %	26-127%		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>			143 %	20-159%		"	"	"	
<i>Surrogate: Terphenyl-d14</i>			73 %	21-158%		"	"	"	

**Lab ID:** 1102012-03

**Water - Sampled: 02/09/11 10:59**

**Sample ID:** WTA-4

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
1,4-Dioxane	RE2	790	C1, J	1,000	ug/L				
Phenol	RE2	23,000		5,000	"	"	"	"	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	100	"	"		02/17/11	8270D/SOP315
2-Chlorophenol		ND	U	500	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	100	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	100	"	"	"	"	8270D/SOP315
Benzyl alcohol	RE2	64,000		5,000	"	"		02/17/11	8270D/SOP315
1,2-Dichlorobenzene		ND	U	100	"	"		02/17/11	8270D/SOP315
2-Methylphenol		ND	U	500	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	100	"	"	"	"	8270D/SOP315
3&4-Methylphenol		4,400		500	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	100	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	100	"	"	"	"	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> 11042B <b>Reported:</b> 03/23/11 08:44
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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:** 1102012-03

**Water - Sampled: 02/09/11 10:59**

**Sample ID:** WTA-4

									<b>Semivolatile Organic Compounds by EPA Method 8270D</b>
Nitrobenzene		ND	U	100	ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
Isophorone		ND	U	100	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	500	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	U	500	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	100	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	500	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	100	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	100	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	500	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	100	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		260	C1, J	500	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		85	Q3, C1, J	100	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	C3, J, U	500	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	500	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	500	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	100	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	500	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	100	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	100	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	100	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	U	500	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	100	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	2,000	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	J, Q3, U	500	"	"	"	"	8270D/SOP315
Dibenzofuran		ND	U	100	"	"	"	"	8270D/SOP315
2,4-Dinitrotoluene		ND	U	100	"	"	"	"	8270D/SOP315
Diethyl phthalate		410		100	"	"	"	"	8270D/SOP315
Fluorene		ND	U	100	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	100	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	500	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	500	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	100	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	100	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	100	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	500	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	100	"	"	"	"	8270D/SOP315
Anthracene		ND	U	100	"	"	"	"	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> 11042B <b>Reported:</b> 03/23/11 08:44
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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:** 1102012-03

**Water - Sampled: 02/09/11 10:59**

**Sample ID:** WTA-4

						Semivolatile Organic Compounds by EPA Method 8270D			
						B1B0033	02/14/11	02/17/11	8270D/SOP315
Carbazole	ND	U		100	ug/L				8270D/SOP315
Di-n-butyl phthalate	ND	U		100	"	"	"	"	8270D/SOP315
Fluoranthene	ND	U		100	"	"	"	"	8270D/SOP315
Pyrene	ND	U		100	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate	ND	U		100	"	"	"	"	8270D/SOP315
Benzo(a)anthracene	ND	U		100	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine	ND	J, Q2, U		500	"	"	"	"	8270D/SOP315
Chrysene	ND	U		100	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate	270			100	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate	ND	U		100	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene	ND	U		100	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene	ND	U		100	"	"	"	"	8270D/SOP315
Benzo(a)pyrene	ND	U		100	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene	ND	U		100	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene	ND	U		100	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene	ND	U		100	"	"	"	"	8270D/SOP315
Butanoic acid, methyl	7,700	N TIC, J			"	"	"	"	8270D/SOP315
Ethanol, butoxy	41,000	N TIC, J			"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy etho	21,000	N TIC, J			"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy	28,000	N TIC, J			"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy eth	8,500	N TIC, J			"	"	"	"	8270D/SOP315
Pentaethylene glycol	8,900	N TIC, J			"	"	"	"	8270D/SOP315
Pentanol, ethyl-methyl	7,400	N TIC, J			"	"	"	"	8270D/SOP315
Pentaoxahexadecan-ol	8,000	N TIC, J			"	"	"	"	8270D/SOP315
Tetraoxahexadecan-ol	38,000	N TIC, J			"	"	"	"	8270D/SOP315
unknown	9,900	N TIC, J			"	"	"	"	8270D/SOP315
<i>Surrogate: 2-Fluorophenol</i>		<b>13 %</b>		<i>27-115%</i>		"	"	"	
<i>Surrogate: Phenol-d5</i>		<b>%</b>		<i>20-129%</i>		"	"	"	
<i>Surrogate: 2-Chlorophenol-d4</i>		<b>94 %</b>		<i>25-120%</i>		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		<b>50 %</b>		<i>20-123%</i>		"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		<b>107 %</b>		<i>20-144%</i>		"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		<b>108 %</b>		<i>26-127%</i>		"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		<b>152 %</b>		<i>20-159%</i>		"	"	"	
<i>Surrogate: Terphenyl-d14</i>		<b>84 %</b>		<i>21-158%</i>		"	"	"	



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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:** 1102012-04

**Water - Sampled: 02/09/11 10:09**

**Sample ID:** WTA-5

									<b>Semivolatile Organic Compounds by EPA Method 8270D</b>
1,4-Dioxane		1,100		730	ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
Phenol		13,000		3,600	"	"	"	"	8270D/SOP315
Bis(2-chloroethyl)ether		ND	U	730	"	"	"	"	8270D/SOP315
2-Chlorophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
1,3-Dichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
1,4-Dichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Benzyl alcohol		45,000		3,600	"	"	"	"	8270D/SOP315
1,2-Dichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
2-Methylphenol		ND	U	3,600	"	"	"	"	8270D/SOP315
Bis(2-chloro-1-methylethyl) ether		ND	U	730	"	"	"	"	8270D/SOP315
3&4-Methylphenol		1,900	C1, J	3,600	"	"	"	"	8270D/SOP315
N-Nitrosodipropylamine		ND	U	730	"	"	"	"	8270D/SOP315
Hexachloroethane		ND	U	730	"	"	"	"	8270D/SOP315
Nitrobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Isophorone		ND	U	730	"	"	"	"	8270D/SOP315
2-Nitrophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
2,4-Dimethylphenol		ND	U	3,600	"	"	"	"	8270D/SOP315
Bis(2-chloroethoxy)methane		ND	U	730	"	"	"	"	8270D/SOP315
2,4-Dichlorophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
1,2,4-Trichlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Naphthalene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chloroaniline		ND	J, Q2, U	3,600	"	"	"	"	8270D/SOP315
Hexachlorobutadiene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chloro-3-methylphenol		ND	U	3,600	"	"	"	"	8270D/SOP315
2-Methylnaphthalene		460	C1, J, Q3	730	"	"	"	"	8270D/SOP315
Hexachlorocyclopentadiene		ND	C3, J, U	3,600	"	"	"	"	8270D/SOP315
2,4,6-Trichlorophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
2,4,5-Trichlorophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
2-Chloronaphthalene		ND	U	730	"	"	"	"	8270D/SOP315
2-Nitroaniline		ND	U	3,600	"	"	"	"	8270D/SOP315
Dimethyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
2,6-Dinitrotoluene		ND	U	730	"	"	"	"	8270D/SOP315
Acenaphthylene		ND	U	730	"	"	"	"	8270D/SOP315
3-Nitroaniline		ND	U	3,600	"	"	"	"	8270D/SOP315
Acenaphthene		ND	U	730	"	"	"	"	8270D/SOP315
2,4-Dinitrophenol		ND	U	15,000	"	"	"	"	8270D/SOP315
4-Nitrophenol		ND	J, Q3, U	3,600	"	"	"	"	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> 11042B <b>Reported:</b> 03/23/11 08:44
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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:** 1102012-04

**Water - Sampled: 02/09/11 10:09**

**Sample ID:** WTA-5

									<b>Semivolatile Organic Compounds by EPA Method 8270D</b>
Dibenzofuran		ND	U	730	ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
2,4-Dinitrotoluene		ND	U	730	"	"	"	"	8270D/SOP315
Diethyl phthalate		360	C1, J	730	"	"	"	"	8270D/SOP315
Fluorene		ND	U	730	"	"	"	"	8270D/SOP315
4-Chlorophenyl phenyl ether		ND	U	730	"	"	"	"	8270D/SOP315
4-Nitroaniline		ND	U	3,600	"	"	"	"	8270D/SOP315
4,6-Dinitro-2-methylphenol		ND	U	3,600	"	"	"	"	8270D/SOP315
Diphenyl amine		ND	U	730	"	"	"	"	8270D/SOP315
4-Bromophenyl phenyl ether		ND	U	730	"	"	"	"	8270D/SOP315
Hexachlorobenzene		ND	U	730	"	"	"	"	8270D/SOP315
Pentachlorophenol		ND	U	3,600	"	"	"	"	8270D/SOP315
Phenanthrene		ND	U	730	"	"	"	"	8270D/SOP315
Anthracene		ND	U	730	"	"	"	"	8270D/SOP315
Carbazole		ND	U	730	"	"	"	"	8270D/SOP315
Di-n-butyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Butyl benzyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(a)anthracene		ND	U	730	"	"	"	"	8270D/SOP315
3,3'-Dichlorobenzidine		ND	J, Q2, U	3,600	"	"	"	"	8270D/SOP315
Chrysene		ND	U	730	"	"	"	"	8270D/SOP315
Bis(2-ethylhexyl) phthalate		1,800		730	"	"	"	"	8270D/SOP315
Di-n-octyl phthalate		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(b)fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(k)fluoranthene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(a)pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Indeno(1,2,3-cd)pyrene		ND	U	730	"	"	"	"	8270D/SOP315
Dibenz(a,h)anthracene		ND	U	730	"	"	"	"	8270D/SOP315
Benzo(g,h,i)perylene		ND	U	730	"	"	"	"	8270D/SOP315
Butanol, methyl		33,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxy		26,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy etho		46,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, butoxyethoxy ethoxy		29,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy		28,000	N TIC, J		"	"	"	"	8270D/SOP315
Ethanol, methoxyethoxy eth		110,000	N TIC, J		"	"	"	"	8270D/SOP315
Hexadecanoic acid		28,000	N TIC, J		"	"	"	"	8270D/SOP315
Pentanoic acid		42,000	N TIC, J		"	"	"	"	8270D/SOP315



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

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<b>Project Manager:</b> Cameron McDonald	<b>RCRA Enforcement Office</b>	<b>SDG:</b> 11042B
<b>Project Number:</b> R11R03	<b>75 Hawthorne Street</b>	<b>Reported:</b> 03/23/11 08:44
<b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>San Francisco CA, 94105</b>	

**Sample Results**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID:</b>	<b>1102012-04</b>								<b>Water - Sampled: 02/09/11 10:09</b>
<b>Sample ID:</b>	<b>WTA-5</b>								<b>Semivolatile Organic Compounds by EPA Method 8270D</b>
Pentaoxahexadecan-ol		21,000	N TIC, J		ug/L	B1B0033	02/14/11	02/17/11	8270D/SOP315
Propanol, oxybis		26,000	N TIC, J		"	"	"	"	8270D/SOP315
<i>Surrogate: 2-Fluorophenol</i>			<b>117 %</b>						<i>27-115%</i>
<i>Surrogate: Phenol-d5</i>			<b>159 %</b>						<i>20-129%</i>
<i>Surrogate: 2-Chlorophenol-d4</i>			120 %						<i>25-120%</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			114 %						<i>20-123%</i>
<i>Surrogate: Nitrobenzene-d5</i>			123 %						<i>20-144%</i>
<i>Surrogate: 2-Fluorobiphenyl</i>			111 %						<i>26-127%</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>			147 %						<i>20-159%</i>
<i>Surrogate: Terphenyl-d14</i>			87 %						<i>21-158%</i>



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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 B1B0033 - 3520C CLLE - SVOCs

Prepared: 02/14/11 Analyzed: 02/17/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

**Blank (B1B0033-BLK1)**

1,4-Dioxane	ND	U		1 ug/L						
Phenol	ND	U		5 "						
Bis(2-chloroethyl)ether	ND	U		1 "						
2-Chlorophenol	ND	U		5 "						
1,3-Dichlorobenzene	ND	U		1 "						
1,4-Dichlorobenzene	ND	U		1 "						
Benzyl alcohol	ND	U		5 "						
1,2-Dichlorobenzene	ND	U		1 "						
2-Methylphenol	ND	U		5 "						
Bis(2-chloro-1-methylethyl) ether	ND	U		1 "						
3&4-Methylphenol	ND	U		5 "						
N-Nitrosodipropylamine	ND	U		1 "						
Hexachloroethane	ND	U		1 "						
Nitrobenzene	ND	U		1 "						
Isophorone	ND	U		1 "						
2-Nitrophenol	ND	U		5 "						
2,4-Dimethylphenol	ND	U		5 "						
Bis(2-chloroethoxy)methane	ND	U		1 "						
2,4-Dichlorophenol	ND	U		5 "						
1,2,4-Trichlorobenzene	ND	U		1 "						
Naphthalene	ND	U		1 "						
4-Chloroaniline	ND	J, Q2, U		5 "						
Hexachlorobutadiene	ND	U		1 "						
4-Chloro-3-methylphenol	ND	U		5 "						
2-Methylnaphthalene	ND	J, Q3, U		1 "						
Hexachlorocyclopentadiene	ND	C3, J, U		5 "						
2,4,6-Trichlorophenol	ND	U		5 "						
2,4,5-Trichlorophenol	ND	U		5 "						
2-Chloronaphthalene	ND	U		1 "						
2-Nitroaniline	ND	U		5 "						
Dimethyl phthalate	ND	U		1 "						
2,6-Dinitrotoluene	ND	U		1 "						
Acenaphthylene	ND	U		1 "						
3-Nitroaniline	ND	U		5 "						
Acenaphthene	ND	U		1 "						
2,4-Dinitrophenol	ND	U		20 "						
4-Nitrophenol	ND	J, Q3, U		5 "						
Dibenzofuran	ND	U		1 "						
2,4-Dinitrotoluene	ND	U		1 "						
Diethyl phthalate	ND	U		1 "						
Fluorene	ND	U		1 "						
4-Chlorophenyl phenyl ether	ND	U		1 "						



# United States Environmental Protection Agency Region 9 Laboratory

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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> 11042B <b>Reported:</b> 03/23/11 08:44
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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 B1B0033 - 3520C CLLE - SVOCs

Prepared: 02/14/11 Analyzed: 02/17/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

**Blank (B1B0033-BLK1)**

4-Nitroaniline	ND	U		5	"					
4,6-Dinitro-2-methylphenol	ND	U		5	"					
Diphenyl amine	ND	U		1	"					
4-Bromophenyl phenyl ether	ND	U		1	"					
Hexachlorobenzene	ND	U		1	"					
Pentachlorophenol	ND	U		5	"					
Phenanthrene	ND	U		1	"					
Anthracene	ND	U		1	"					
Carbazole	ND	U		1	"					
Di-n-butyl phthalate	ND	U		1	"					
Fluoranthene	ND	U		1	"					
Pyrene	ND	U		1	"					
Butyl benzyl phthalate	ND	U		1	"					
Benzo(a)anthracene	ND	U		1	"					
3,3'-Dichlorobenzidine	ND	J, Q2, U		5	"					
Chrysene	ND	U		1	"					
Bis(2-ethylhexyl) phthalate	ND	U		1	"					
Di-n-octyl phthalate	ND	U		1	"					
Benzo(b)fluoranthene	ND	U		1	"					
Benzo(k)fluoranthene	ND	U		1	"					
Benzo(a)pyrene	ND	U		1	"					
Indeno(1,2,3-cd)pyrene	ND	U		1	"					
Dibenz(a,h)anthracene	ND	U		1	"					
Benzo(g,h,i)perylene	ND	U		1	"					

Surrogate: 1,4-Dioxane-d8	4.77			"	5.00		95	20-185		
Surrogate: 2-Fluorophenol	47.6			"	50.0		95	27-115		
Surrogate: Phenol-d5	49.4			"	50.0		99	20-129		
Surrogate: 2-Chlorophenol-d4	48.9			"	50.0		98	25-120		
Surrogate: 1,2-Dichlorobenzene-d4	44.6			"	50.0		89	20-123		
Surrogate: Nitrobenzene-d5	47.0			"	50.0		94	20-144		
Surrogate: 2-Fluorobiphenyl	47.4			"	50.0		95	26-127		
Surrogate: 2,4,6-Tribromophenol	57.7			"	50.0		115	20-159		
Surrogate: Terphenyl-d14	48.8			"	50.0		98	21-158		

**LCS (B1B0033-BS1)**

1,4-Dioxane	9.62			1 ug/L	10.0		96	64-144		200
Phenol	45.2			5 "	50.0		90	42-110		200
Bis(2-chloroethyl)ether	9.87			1 "	10.0		99	42-110		200
2-Chlorophenol	43.8			5 "	50.0		88	42-110		200
1,3-Dichlorobenzene	6.42			1 "	10.0		64	30-110		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 B1B0033 - 3520C CLLE - SVOCs

Prepared: 02/14/11 Analyzed: 02/17/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

### LCS (B1B0033-BS1)

1,4-Dichlorobenzene	6.82			1	"	10.0	68	31-110		200
Benzyl alcohol	50.3			5	"	50.0	101	40-112		200
1,2-Dichlorobenzene	6.97			1	"	10.0	70	31-110		200
2-Methylphenol	43.7			5	"	50.0	87	48-110		200
Bis(2-chloro-1-methylethyl) ether	10			1	"	10.0	100	26-150		200
3&4-Methylphenol	48.8			5	"	50.0	98	61-114		200
N-Nitrosodipropylamine	9.22			1	"	10.0	92	45-110		200
Hexachloroethane	6.02			1	"	10.0	60	24-110		200
Nitrobenzene	9.81			1	"	10.0	98	49-111		200
Isophorone	9.45			1	"	10.0	94	40-110		200
2-Nitrophenol	43.8			5	"	50.0	88	49-110		200
2,4-Dimethylphenol	45.9			5	"	50.0	92	26-122		200
Bis(2-chloroethoxy)methane	9.39			1	"	10.0	94	50-110		200
2,4-Dichlorophenol	46			5	"	50.0	92	49-110		200
1,2,4-Trichlorobenzene	6.71			1	"	10.0	67	35-110		200
Naphthalene	8.55			1	"	10.0	86	44-110		200
4-Chloroaniline	22.4			5	"	50.0	45	50-176		200
Hexachlorobutadiene	5.9			1	"	10.0	59	26-110		200
4-Chloro-3-methylphenol	47.2			5	"	50.0	94	49-110		200
2-Methylnaphthalene	7.88			1	"	10.0	79	41-110		200
Hexachlorocyclopentadiene	21.5			5	"	50.0	43	20-110		200
2,4,6-Trichlorophenol	44.1			5	"	50.0	88	50-110		200
2,4,5-Trichlorophenol	52.4			5	"	50.0	105	49-112		200
2-Chloronaphthalene	8.68			1	"	10.0	87	42-110		200
2-Nitroaniline	49.5			5	"	50.0	99	47-119		200
Dimethyl phthalate	10.6			1	"	10.0	106	57-118		200
2,6-Dinitrotoluene	9.88			1	"	10.0	99	57-119		200
Acenaphthylene	9.13			1	"	10.0	91	42-110		200
3-Nitroaniline	38.6			5	"	50.0	77	20-194		200
Acenaphthene	12.7			1	"	10.0	127	52-139		200
2,4-Dinitrophenol	64			20	"	50.0	128	20-174		200
4-Nitrophenol	60.5			5	"	50.0	121	47-133		200
Dibenzofuran	9.55			1	"	10.0	96	46-112		200
2,4-Dinitrotoluene	10			1	"	10.0	100	55-122		200
Diethyl phthalate	10.4			1	"	10.0	104	50-131		200
Fluorene	9.8			1	"	10.0	98	52-117		200
4-Chlorophenyl phenyl ether	9.65			1	"	10.0	96	49-110		200
4-Nitroaniline	38.7			5	"	50.0	77	20-146		200
4,6-Dinitro-2-methylphenol	53.5			5	"	50.0	107	31-158		200
Diphenyl amine	6.7			1	"	10.0	67	37-110		200
4-Bromophenyl phenyl ether	10.2			1	"	10.0	102	53-124		200
Hexachlorobenzene	10.1			1	"	10.0	101	54-120		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 B1B0033 - 3520C CLLE - SVOCs

Prepared: 02/14/11 Analyzed: 02/17/11

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

### LCS (B1B0033-BS1)

Pentachlorophenol	59.2			5 "	50.0		118	41-136		200
Phenanthrene	10.4			1 "	10.0		104	56-134		200
Anthracene	10.6			1 "	10.0		106	56-127		200
Carbazole	8.34			1 "	10.0		83	20-157		200
Di-n-butyl phthalate	11.7			1 "	10.0		117	55-153		200
Fluoranthene	11.2			1 "	10.0		112	55-141		200
Pyrene	10.6			1 "	10.0		106	55-141		200
Butyl benzyl phthalate	10.6			1 "	10.0		106	59-152		200
Benzo(a)anthracene	9.87			1 "	10.0		99	61-126		200
3,3'-Dichlorobenzidine	ND	U		5 "	50.0			20-167		200
Chrysene	10.2			1 "	10.0		102	62-128		200
Bis(2-ethylhexyl) phthalate	11.3			1 "	10.0		113	62-160		200
Di-n-octyl phthalate	10.9			1 "	10.0		109	48-166		200
Benzo(b)fluoranthene	9.74			1 "	10.0		97	51-128		200
Benzo(k)fluoranthene	11.5			1 "	10.0		115	51-123		200
Benzo(a)pyrene	9.52			1 "	10.0		95	41-110		200
Indeno(1,2,3-cd)pyrene	10.6			1 "	10.0		106	41-111		200
Dibenz(a,h)anthracene	11.2			1 "	10.0		112	42-122		200
Benzo(g,h,i)perylene	10.5			1 "	10.0		105	32-123		200

Surrogate: 1,4-Dioxane-d8	4.30			"	5.00		86	20-185		
Surrogate: 2-Fluorophenol	46.5			"	50.0		93	27-115		
Surrogate: Phenol-d5	48.4			"	50.0		97	20-129		
Surrogate: 2-Chlorophenol-d4	47.6			"	50.0		95	25-120		
Surrogate: 1,2-Dichlorobenzene-d4	42.5			"	50.0		85	20-123		
Surrogate: Nitrobenzene-d5	46.5			"	50.0		93	20-144		
Surrogate: 2-Fluorobiphenyl	46.3			"	50.0		93	26-127		
Surrogate: 2,4,6-Tribromophenol	59.7			"	50.0		119	20-159		
Surrogate: Terphenyl-d14	48.2			"	50.0		96	21-158		





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**Region 9 Laboratory**

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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:** 11042B

**Reported:** 03/23/11 08:44

**Qualifiers and Comments**

Q3 The quantitation limit standard did not meet recovery criteria for this analyte.

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).

Q1 The internal standard associated with this analyte did not meet area count criteria.

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.

D The surrogate spike was diluted out and not evaluated.

C3 The initial calibration for this analyte did not meet calibration criteria.

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.