

US EPA ARCHIVE DOCUMENT



**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

Volatile 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> 11042A
<b>Project Number:</b> R11R03	<b>75 Hawthorne Street</b>	<b>Reported:</b> 03/17/11 14:53
<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
CFUA-1	1102011-01	Soil	02/09/11 14:29	02/10/11 16:30
CFUA-2	1102011-02	Soil	02/09/11 14:40	02/10/11 16:30
CFUA-3	1102011-03	Soil	02/09/11 14:47	02/10/11 16:30
CFUA-4	1102011-04	Soil	02/09/11 14:57	02/10/11 16:30
CFUA-5	1102011-05	Soil	02/09/11 14:57	02/10/11 16:30
CFUA-6	1102011-06	Soil	02/09/11 15:05	02/10/11 16:30
CFUB-1	1102011-07	Soil	02/09/11 13:09	02/10/11 16:30
CFUB-2	1102011-08	Soil	02/09/11 13:21	02/10/11 16:30
CFUB-3	1102011-09	Soil	02/09/11 13:38	02/10/11 16:30
CFUB-4	1102011-10	Soil	02/09/11 13:46	02/10/11 16:30
CFUB-5	1102011-11	Soil	02/09/11 13:48	02/10/11 16:30
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> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 14:53
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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:** 1102011-01

**Soil - Sampled: 02/09/11 14:29**

**Sample ID:** CFUA-1

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane		ND	U	2.8	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane		ND	U	2.8	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	2.8	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	2.8	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	2.8	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
Acetone		240		22	"	"	"	"	8260C/SOP305
Carbon disulfide		3.1		2.8	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	2.8	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	2.8	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	11	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	11	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	2.8	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		29		22	"	"	"	"	8260C/SOP305
Chloroform		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	2.8	"	"	"	"	8260C/SOP305
Benzene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	11	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	2.8	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	2.8	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	2.8	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	22	"	"	"	"	8260C/SOP305
Toluene		ND	U	2.8	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	2.8	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	22	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	2.8	"	"	"	"	8260C/SOP305



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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:** 1102011-01

**Soil - Sampled: 02/09/11 14:29**

**Sample ID:** CFUA-1

Volatile Organic Compounds by EPA Method 8260C									
Chlorobenzene		ND	U	2.8	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Ethylbenzene		ND	U	2.8	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	5.6	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	2.8	"	"	"	"	8260C/SOP305
Styrene		ND	U	2.8	"	"	"	"	8260C/SOP305
Bromoforn		ND	U	2.8	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	2.8	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	2.8	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	11	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	2.8	"	"	"	"	8260C/SOP305
Bicyclohexyl		6.1	N TIC, J		"	"	"	"	8260C/SOP305
Trimethylamine		8.4	N TIC, J		"	"	"	"	8260C/SOP305
unknown		8.8	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon		6.3	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			95 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			103 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			97 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			88 %	72-119%		"	"	"	

**Sample ID:** CFUA-1

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

% Solids	83	1	%		B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-02

**Soil - Sampled: 02/09/11 14:40**

**Sample ID:** CFUA-2

Volatile Organic Compounds by EPA Method 8260C									
Dichlorodifluoromethane		ND	U	4	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane		ND	U	4	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	4	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	4	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	4	"	"	"	"	8260C/SOP305
Acetone		200		32	"	"	"	"	8260C/SOP305
Carbon disulfide		9.0		4	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4	"	"	"	"	8260C/SOP305



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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:** 1102011-02

**Soil - Sampled: 02/09/11 14:40**

**Sample ID:** CFUA-2

**Volatile Organic Compounds by EPA Method 8260C**

tert-Butyl methyl ether (MTBE)		ND	U	16	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
1,1-Dichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	16	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		26	C1, J	32	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
Benzene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	16	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	4	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	32	"	"	"	"	8260C/SOP305
Toluene		ND	U	4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	32	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	4	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	8	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	4	"	"	"	"	8260C/SOP305
Styrene		ND	U	4	"	"	"	"	8260C/SOP305
Bromoform		ND	U	4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305



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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:** 1102011-02 **Soil - Sampled: 02/09/11 14:40**

**Sample ID:** CFUA-2 **Volatile Organic Compounds by EPA Method 8260C**

1,2-Dibromo-3-chloropropane	ND	U		16	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Naphthalene	ND	U		4	"	"	"	"	8260C/SOP305
Bicyclohexyl	16	N TIC, J			"	"	"	"	8260C/SOP305
Tridecane	13	N TIC, J			"	"	"	"	8260C/SOP305
Trimethylamine	12	N TIC, J			"	"	"	"	8260C/SOP305
Undecane, dimethyl-	14	N TIC, J			"	"	"	"	8260C/SOP305
unknown (01)	11	N TIC, J			"	"	"	"	8260C/SOP305
unknown (02)	24	N TIC, J			"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)	18	N TIC, J			"	"	"	"	8260C/SOP305
unknown hydrocarbon (02)	12	N TIC, J			"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88 %		61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %		66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95 %		61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		86 %		72-119%		"	"	"	

**Sample ID:** CFUA-2 **Conventional Chemistry Parameters by APHA/EPA Methods**

% Solids	83			1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-03 **Soil - Sampled: 02/09/11 14:47**

**Sample ID:** CFUA-3 **Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	RE1	ND	U	3.4	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Vinyl chloride	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Bromomethane	RE1	ND	C3, J, U	3.4	"	"	"	"	8260C/SOP305
Chloroethane	RE1	ND	C3, J, U	3.4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Acetone	RE1	310		27	"	"	"	"	8260C/SOP305
Carbon disulfide	RE1	6.5		3.4	"	"	"	"	8260C/SOP305
Dichloromethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	RE1	ND	U	14	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	RE1	ND	U	14	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	RE1	29		27	"	"	"	"	8260C/SOP305
Chloroform	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Carbon tetrachloride	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305



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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: 1102011-03

Soil - Sampled: 02/09/11 14:47

Sample ID: CFUA-3

Volatile Organic Compounds by EPA Method 8260C

1,1-Dichloropropene	RE1	ND	U	3.4	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Benzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	RE1	ND	U	14	"	"	"	"	8260C/SOP305
Trichloroethene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Bromodichloromethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)	RE1	70		27	"	"	"	"	8260C/SOP305
Toluene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Tetrachloroethene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
2-Hexanone	RE1	ND	U	27	"	"	"	"	8260C/SOP305
Chlorodibromomethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Chlorobenzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Ethylbenzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
m&p-Xylene	RE1	ND	U	6.8	"	"	"	"	8260C/SOP305
o-Xylene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Styrene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Bromoform	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	RE1	ND	U	14	"	"	"	"	8260C/SOP305
Naphthalene	RE1	ND	U	3.4	"	"	"	"	8260C/SOP305
Bicyclohexyl	RE1	9.9	N TIC, J		"	"	"	"	8260C/SOP305
Tridecane	RE1	8.6	N TIC, J		"	"	"	"	8260C/SOP305
Trimethylamine	RE1	30	N TIC, J		"	"	"	"	8260C/SOP305
Undecane,-dimethyl-	RE1	9.9	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)	RE1	7.6	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)	RE1	16	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)	RE1	13	N TIC, J		"	"	"	"	8260C/SOP305





# 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 14:53
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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:** 1102011-03 **Soil - Sampled: 02/09/11 14:47**

<b>Sample ID:</b> CFUA-3	<b>Volatile Organic Compounds by EPA Method 8260C</b>								
unknown hydrocarbon (02)	RE1	7.5	N TIC, J		ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>	RE1	96 %		61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>	RE1	104 %		66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	RE1	99 %		61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	RE1	93 %		72-119%		"	"	"	

<b>Sample ID:</b> CFUA-3	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>								
% Solids		82		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-04 **Soil - Sampled: 02/09/11 14:57**

<b>Sample ID:</b> CFUA-4	<b>Volatile Organic Compounds by EPA Method 8260C</b>								
Dichlorodifluoromethane	RE1	ND	U	3.2	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Vinyl chloride	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Bromomethane	RE1	ND	C3, J, U	3.2	"	"	"	"	8260C/SOP305
Chloroethane	RE1	ND	C3, J, U	3.2	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Acetone	RE1	240		26	"	"	"	"	8260C/SOP305
Carbon disulfide	RE1	13		3.2	"	"	"	"	8260C/SOP305
Dichloromethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	RE1	ND	U	13	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	RE1	ND	U	13	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	RE1	29		26	"	"	"	"	8260C/SOP305
Chloroform	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Carbon tetrachloride	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1-Dichloropropene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Benzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	RE1	ND	U	13	"	"	"	"	8260C/SOP305
Trichloroethene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Bromodichloromethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305



# 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 14:53
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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:** 1102011-04

**Soil - Sampled: 02/09/11 14:57**

**Sample ID:** CFUA-4

**Volatile Organic Compounds by EPA Method 8260C**

4-Methyl-2-pentanone (MIBK)	RE1	ND	U	26	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Toluene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Tetrachloroethene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
2-Hexanone	RE1	ND	U	26	"	"	"	"	8260C/SOP305
Chlorodibromomethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Chlorobenzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Ethylbenzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
m&p-Xylene	RE1	ND	U	6.4	"	"	"	"	8260C/SOP305
o-Xylene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Styrene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Bromoform	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	RE1	ND	U	13	"	"	"	"	8260C/SOP305
Naphthalene	RE1	ND	U	3.2	"	"	"	"	8260C/SOP305
Bicyclohexyl	RE1	10	N TIC, J		"	"	"	"	8260C/SOP305
Tridecane	RE1	6.8	N TIC, J		"	"	"	"	8260C/SOP305
Trimethylamine	RE1	21	N TIC, J		"	"	"	"	8260C/SOP305
Undecane, dimethyl-	RE1	7.0	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)	RE1	8.0	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)	RE1	15	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)	RE1	9.0	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (02)	RE1	7.3	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>RE1</i>		101 %	<i>61-140%</i>		<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>	<i>RE1</i>		101 %	<i>66-142%</i>		<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>RE1</i>		99 %	<i>61-130%</i>		<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>RE1</i>		94 %	<i>72-119%</i>		<i>"</i>	<i>"</i>	<i>"</i>	

**Sample ID:** CFUA-4

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

% Solids	83	1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-05

**Soil - Sampled: 02/09/11 14:57**



# 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 14:53
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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:** 1102011-05

**Soil - Sampled: 02/09/11 14:57**

**Sample ID:** CFUA-5

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane		ND	U	4.1	ug/kg dry	B1B0032	02/10/11	02/14/11	8260C/SOP305
Chloromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	4.1	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	4.1	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	4.1	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Acetone		250		33	"	"	"	"	8260C/SOP305
Carbon disulfide		9.9		4.1	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	16	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	16	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		31	C1, J	33	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4.1	"	"	"	"	8260C/SOP305
Benzene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	16	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	4.1	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4.1	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	33	"	"	"	"	8260C/SOP305
Toluene		ND	U	4.1	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4.1	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	33	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4.1	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4.1	"	"	"	"	8260C/SOP305



# 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 14:53
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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:** 1102011-05

**Soil - Sampled: 02/09/11 14:57**

**Sample ID:** CFUA-5

**Volatile Organic Compounds by EPA Method 8260C**

Chlorobenzene	ND	U		4.1	ug/kg dry	B1B0032	02/10/11	02/14/11	8260C/SOP305
Ethylbenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
m&p-Xylene	ND	U		8.2	"	"	"	"	8260C/SOP305
o-Xylene	ND	U		4.1	"	"	"	"	8260C/SOP305
Styrene	ND	U		4.1	"	"	"	"	8260C/SOP305
Bromoforn	ND	U		4.1	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	ND	U		4.1	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		16	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		4.1	"	"	"	"	8260C/SOP305
Bicyclohexyl	12	N TIC, J			"	"	"	"	8260C/SOP305
Tridecane	10	N TIC, J			"	"	"	"	8260C/SOP305
Trimethylamine	23	N TIC, J			"	"	"	"	8260C/SOP305
Undecane, dimethyl-	11	N TIC, J			"	"	"	"	8260C/SOP305
unknown	19	N TIC, J			"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)	14	N TIC, J			"	"	"	"	8260C/SOP305
unknown hydrocarbon (02)	9.5	N TIC, J			"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95 %		61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98 %		61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		93 %		72-119%		"	"	"	

**Sample ID:** CFUA-5

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

% Solids	83	1	%			B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-06

**Soil - Sampled: 02/09/11 15:05**

**Sample ID:** CFUA-6

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		4	ug/kg dry	B1B0032	02/10/11	02/14/11	8260C/SOP305
Chloromethane	ND	U		4	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		4	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U		4	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U		4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U		4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		4	"	"	"	"	8260C/SOP305
Acetone	320			32	"	"	"	"	8260C/SOP305



# 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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**Lab ID:** 1102011-06

**Soil - Sampled: 02/09/11 15:05**

**Sample ID:** CFUA-6

**Volatile Organic Compounds by EPA Method 8260C**

Carbon disulfide		ND	U	4	ug/kg dry	B1B0032	02/10/11	02/14/11	8260C/SOP305
Dichloromethane		ND	U	4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	16	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	16	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		47		32	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
Benzene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	16	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	4	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	32	"	"	"	"	8260C/SOP305
Toluene		ND	U	4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	32	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	4	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	8	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	4	"	"	"	"	8260C/SOP305
Styrene		ND	U	4	"	"	"	"	8260C/SOP305
Bromoform		ND	U	4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	4	"	"	"	"	8260C/SOP305



# 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 14:53
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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:** 1102011-06 **Soil - Sampled: 02/09/11 15:05**

Volatile Organic Compounds by EPA Method 8260C									
1,3-Dichlorobenzene		ND	U	4	ug/kg dry	B1B0032	02/10/11	02/14/11	8260C/SOP305
1,4-Dichlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	16	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	4	"	"	"	"	8260C/SOP305
unknown		8.0	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90 %		61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %		66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98 %		61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		93 %		72-119%		"	"	"	

Conventional Chemistry Parameters by APHA/EPA Methods									
<b>Sample ID:</b> CFUA-6						B1B0069	02/21/11	02/22/11	3550C/SOP460
% Solids		83		1	%				

**Lab ID:** 1102011-07 **Soil - Sampled: 02/09/11 13:09**

Volatile Organic Compounds by EPA Method 8260C									
Dichlorodifluoromethane		ND	U	4.2	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Chloromethane		ND	U	4.2	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	4.2	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	4.2	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	4.2	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	4.2	"	"	"	"	8260C/SOP305
Acetone		30	C1, J	33	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	4.2	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	4.2	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4.2	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	17	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	4.2	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	17	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4.2	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	33	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4.2	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4.2	"	"	"	"	8260C/SOP305
Benzene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	4.2	"	"	"	"	8260C/SOP305



# 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 14:53
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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: 1102011-07

Soil - Sampled: 02/09/11 13:09

Sample ID: CFUB-1

**Volatile Organic Compounds by EPA Method 8260C**

tert-Amyl methyl ether		ND	U	17	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Trichloroethene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	4.2	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	4.2	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4.2	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	33	"	"	"	"	8260C/SOP305
Toluene		ND	U	4.2	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4.2	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4.2	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	33	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4.2	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	4.2	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	4.2	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	8.3	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	4.2	"	"	"	"	8260C/SOP305
Styrene		ND	U	4.2	"	"	"	"	8260C/SOP305
Bromoform		ND	U	4.2	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	4.2	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	4.2	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	17	"	"	"	"	8260C/SOP305
Naphthalene		3.0	C1, J	4.2	"	"	"	"	8260C/SOP305
Bicyclohexyl		19	N TIC, J		"	"	"	"	8260C/SOP305
Disulfide, dimethyl		14	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)		12	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)		26	N TIC, J		"	"	"	"	8260C/SOP305
unknown aromatic		10	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)		12	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (02)		14	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (03)		14	N TIC, J		"	"	"	"	8260C/SOP305
Surrogate: 1,2-Dichloroethane-d4		107 %		61-140%		"	"	"	
Surrogate: Toluene-d8		100 %		66-142%		"	"	"	



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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> 1102011-07									<b>Soil - Sampled: 02/09/11 13:09</b>
<b>Sample ID:</b> CFUB-1									<b>Volatile Organic Compounds by EPA Method 8260C</b>
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %		61-130%		B1B0026	02/10/11	02/11/11	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		100 %		72-119%		"	"	"	

<b>Sample ID:</b> CFUB-1									<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>
% Solids		90		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

<b>Lab ID:</b> 1102011-08									<b>Soil - Sampled: 02/09/11 13:21</b>
<b>Sample ID:</b> CFUB-2									<b>Volatile Organic Compounds by EPA Method 8260C</b>
Dichlorodifluoromethane		ND	U	3.8	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Chloromethane		ND	U	3.8	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	3.8	"	"	"	"	8260C/SOP305
Bromomethane		ND	J, C3, U	3.8	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	3.8	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
Acetone		ND	U	30	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	3.8	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	3.8	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	3.8	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	15	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	15	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	3.8	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	30	"	"	"	"	8260C/SOP305
Chloroform		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	3.8	"	"	"	"	8260C/SOP305
Benzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	15	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	3.8	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	3.8	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	3.8	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	30	"	"	"	"	8260C/SOP305
Toluene		ND	U	3.8	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	3.8	"	"	"	"	8260C/SOP305





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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:** 1102011-08

**Soil - Sampled: 02/09/11 13:21**

**Sample ID:** CFUB-2

Volatile Organic Compounds by EPA Method 8260C									
1,1,2-Trichloroethane		ND	U	3.8	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Tetrachloroethene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	3.8	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	30	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.8	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	7.5	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.8	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.8	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	15	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	3.8	"	"	"	"	8260C/SOP305
Bicyclohexyl		10	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)		9.2	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)		10	N TIC, J		"	"	"	"	8260C/SOP305
unknown (03)		12	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon		8.4	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			101 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			98 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			98 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			97 %	72-119%		"	"	"	

**Sample ID:** CFUB-2

Conventional Chemistry Parameters by APHA/EPA Methods									
% Solids		89		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460

**Lab ID:** 1102011-09

**Soil - Sampled: 02/09/11 13:38**

**Sample ID:** CFUB-3

Volatile Organic Compounds by EPA Method 8260C									
Dichlorodifluoromethane	RE1	ND	U	2.6	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Vinyl chloride	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Bromomethane	RE1	ND	C3, J, U	2.6	"	"	"	"	8260C/SOP305
Chloroethane	RE1	ND	C3, J, U	2.6	"	"	"	"	8260C/SOP305



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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 14:53
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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:** 1102011-09

**Soil - Sampled: 02/09/11 13:38**

**Sample ID:** CFUB-3

**Volatile Organic Compounds by EPA Method 8260C**

Trichlorofluoromethane	RE1	ND	U	2.6	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
1,1-Dichloroethene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Acetone	RE1	99		21	"	"	"	"	8260C/SOP305
Carbon disulfide	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Dichloromethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	RE1	ND	U	10	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	RE1	ND	U	10	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	RE1	ND	U	21	"	"	"	"	8260C/SOP305
Chloroform	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Carbon tetrachloride	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,1-Dichloropropene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Benzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	RE1	ND	U	10	"	"	"	"	8260C/SOP305
Trichloroethene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Bromodichloromethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)	RE1	ND	U	21	"	"	"	"	8260C/SOP305
Toluene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Tetrachloroethene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
2-Hexanone	RE1	ND	U	21	"	"	"	"	8260C/SOP305
Chlorodibromomethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Chlorobenzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Ethylbenzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
m&p-Xylene	RE1	ND	U	5.2	"	"	"	"	8260C/SOP305
o-Xylene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305



# 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 14:53
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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:** 1102011-09 **Soil - Sampled: 02/09/11 13:38**

**Sample ID:** CFUB-3 **Volatile Organic Compounds by EPA Method 8260C**

Styrene	RE1	ND	U	2.6	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Bromoform	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	RE1	ND	U	10	"	"	"	"	8260C/SOP305
Naphthalene	RE1	ND	U	2.6	"	"	"	"	8260C/SOP305
Benzene, C4 substituted (01)	RE1	7.8	N TIC, J		"	"	"	"	8260C/SOP305
Benzene, C4 substituted (02)	RE1	9.8	N TIC, J		"	"	"	"	8260C/SOP305
Bicyclohexyl	RE1	7.7	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)	RE1	7.2	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)	RE1	10	N TIC, J		"	"	"	"	8260C/SOP305
unknown (03)	RE1	13	N TIC, J		"	"	"	"	8260C/SOP305
unknown (04)	RE1	11	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>RE1</i>		92 %	<i>61-140%</i>		"	"	"	
<i>Surrogate: Toluene-d8</i>	<i>RE1</i>		102 %	<i>66-142%</i>		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>RE1</i>		98 %	<i>61-130%</i>		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>RE1</i>		90 %	<i>72-119%</i>		"	"	"	

**Sample ID:** CFUB-3 **Conventional Chemistry Parameters by APHA/EPA Methods**

% Solids	87	1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-10 **Soil - Sampled: 02/09/11 13:46**

**Sample ID:** CFUB-4 **Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		2.9	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Chloromethane	ND	U		2.9	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		2.9	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U		2.9	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U		2.9	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		2.9	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U		2.9	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		2.9	"	"	"	"	8260C/SOP305
Acetone		13	C1, J	23	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U		2.9	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U		2.9	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U		2.9	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U		12	"	"	"	"	8260C/SOP305



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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 14:53
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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:** 1102011-10

**Soil - Sampled: 02/09/11 13:46**

**Sample ID:** CFUB-4

**Volatile Organic Compounds by EPA Method 8260C**

1,1-Dichloroethane		ND	U	2.9	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Ethyl tert-butyl ether		ND	U	12	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	2.9	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	23	"	"	"	"	8260C/SOP305
Chloroform		ND	U	2.9	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	2.9	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	2.9	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	2.9	"	"	"	"	8260C/SOP305
Benzene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	2.9	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	12	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	2.9	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	2.9	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	2.9	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	23	"	"	"	"	8260C/SOP305
Toluene		ND	U	2.9	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	2.9	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	2.9	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	23	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	2.9	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	2.9	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	2.9	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	5.8	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	2.9	"	"	"	"	8260C/SOP305
Styrene		ND	U	2.9	"	"	"	"	8260C/SOP305
Bromoform		ND	U	2.9	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	2.9	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	2.9	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	12	"	"	"	"	8260C/SOP305



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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:** 1102011-10

**Soil - Sampled: 02/09/11 13:46**

**Sample ID:** CFUB-4

**Volatile Organic Compounds by EPA Method 8260C**

Naphthalene		ND	U	2.9	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Benzene, C4 substituted		6.7	N TIC, J		"	"	"	"	8260C/SOP305
Bicyclohexyl		9.6	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)		7.6	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)		9.3	N TIC, J		"	"	"	"	8260C/SOP305
unknown (03)		13	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon		7.6	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			97 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			98 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			98 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			98 %	72-119%		"	"	"	

**Sample ID:** CFUB-4

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

% Solids		86		1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-11

**Soil - Sampled: 02/09/11 13:48**

**Sample ID:** CFUB-5

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane		ND	U	4.1	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Chloromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	4.1	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	4.1	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	4.1	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Acetone		ND	U	33	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	4.1	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	4.1	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	17	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	17	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4.1	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	33	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4.1	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4.1	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4.1	"	"	"	"	8260C/SOP305
Benzene		ND	U	4.1	"	"	"	"	8260C/SOP305



# 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 14:53
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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:** 1102011-11

**Soil - Sampled: 02/09/11 13:48**

**Sample ID:** CFUB-5

**Volatile Organic Compounds by EPA Method 8260C**

1,2-Dichloroethane	ND	U		4.1	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
tert-Amyl methyl ether	ND	U		17	"	"	"	"	8260C/SOP305
Trichloroethene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	ND	U		4.1	"	"	"	"	8260C/SOP305
Bromodichloromethane	ND	U		4.1	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	ND	U		4.1	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)	ND	U		33	"	"	"	"	8260C/SOP305
Toluene	ND	U		4.1	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	ND	U		4.1	"	"	"	"	8260C/SOP305
Tetrachloroethene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	ND	U		4.1	"	"	"	"	8260C/SOP305
2-Hexanone	ND	U		33	"	"	"	"	8260C/SOP305
Chlorodibromomethane	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	ND	U		4.1	"	"	"	"	8260C/SOP305
Chlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
Ethylbenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
m&p-Xylene	ND	U		8.3	"	"	"	"	8260C/SOP305
o-Xylene	ND	U		4.1	"	"	"	"	8260C/SOP305
Styrene	ND	U		4.1	"	"	"	"	8260C/SOP305
Bromoform	ND	U		4.1	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	ND	U		4.1	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	ND	U		4.1	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		17	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		4.1	"	"	"	"	8260C/SOP305
Bicyclohexyl	16		N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)	9.9		N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)	12		N TIC, J		"	"	"	"	8260C/SOP305
unknown (03)	20		N TIC, J		"	"	"	"	8260C/SOP305
unknown aromatic	8.4		N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon	13		N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %		<i>61-140%</i>		"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		<i>66-142%</i>		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96 %		<i>61-130%</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:** 1102011-11 **Soil - Sampled: 02/09/11 13:48**

**Sample ID:** CFUB-5 **Volatile Organic Compounds by EPA Method 8260C**  
*Surrogate: 1,2-Dichlorobenzene-d4* 94 % 72-119% B1B0026 02/10/11 02/11/11

**Sample ID:** CFUB-5 **Conventional Chemistry Parameters by APHA/EPA Methods**  
 % Solids 87 1 % B1B0069 02/21/11 02/22/11 3550C/SOP460

**Lab ID:** 1102011-12 **Soil - Sampled: 02/09/11 08:00**

**Sample ID:** OSPTA-1 **Volatile Organic Compounds by EPA Method 8260C**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	ND	U	3.3	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
Chloromethane	ND	U	3.3	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U	3.3	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U	3.3	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U	3.3	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U	3.3	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U	3.3	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	3.3	"	"	"	"	8260C/SOP305
Acetone	14	C1, J	27	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U	3.3	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U	3.3	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U	3.3	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U	13	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	ND	U	3.3	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	ND	U	13	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	ND	U	3.3	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	ND	U	27	"	"	"	"	8260C/SOP305
Chloroform	ND	U	3.3	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	ND	U	3.3	"	"	"	"	8260C/SOP305
Carbon tetrachloride	ND	U	3.3	"	"	"	"	8260C/SOP305
1,1-Dichloropropene	ND	U	3.3	"	"	"	"	8260C/SOP305
Benzene	ND	U	3.3	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	ND	U	3.3	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	ND	U	13	"	"	"	"	8260C/SOP305
Trichloroethene	ND	U	3.3	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	ND	U	3.3	"	"	"	"	8260C/SOP305
Bromodichloromethane	ND	U	3.3	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	ND	U	3.3	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)	ND	U	27	"	"	"	"	8260C/SOP305
Toluene	ND	U	3.3	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	ND	U	3.3	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	ND	U	3.3	"	"	"	"	8260C/SOP305



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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 14:53
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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

Volatile Organic Compounds by EPA Method 8260C									
Tetrachloroethene		ND	U	3.3	ug/kg dry	B1B0026	02/10/11	02/11/11	8260C/SOP305
1,3-Dichloropropane		ND	U	3.3	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	27	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.3	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.3	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.3	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.3	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	6.7	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.3	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.3	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.3	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.3	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.3	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.3	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.3	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	3.3	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	13	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	3.3	"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			92 %	<i>61-140%</i>		"	"	"	
<i>Surrogate: Toluene-d8</i>			101 %	<i>66-142%</i>		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			97 %	<i>61-130%</i>		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			91 %	<i>72-119%</i>		"	"	"	

**Sample ID:** OSPTA-1

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

% Solids	83	1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-13

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

**Sample ID:** OSPTA-2

Volatile Organic Compounds by EPA Method 8260C									
Dichlorodifluoromethane		ND	U	3.9	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane		ND	U	3.9	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	3.9	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	3.9	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	3.9	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
Acetone		28	C1, J	31	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	3.9	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	3.9	"	"	"	"	8260C/SOP305





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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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

trans-1,2-Dichloroethene		ND	U	3.9	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	16	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	16	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	3.9	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	31	"	"	"	"	8260C/SOP305
Chloroform		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	3.9	"	"	"	"	8260C/SOP305
Benzene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	16	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	3.9	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	3.9	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	3.9	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	31	"	"	"	"	8260C/SOP305
Toluene		ND	U	3.9	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	3.9	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	31	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.9	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.9	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.9	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.9	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	7.9	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.9	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.9	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.9	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.9	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.9	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.9	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.9	"	"	"	"	8260C/SOP305



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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	<b>Volatile Organic Compounds by EPA Method 8260C</b>							
1,2-Dichlorobenzene	ND U	3.9	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305		
1,2-Dibromo-3-chloropropane	ND U	16	"	"	"	"	8260C/SOP305		
Naphthalene	ND U	3.9	"	"	"	"	8260C/SOP305		
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %		61-140%	"	"	"		
<i>Surrogate: Toluene-d8</i>		102 %		66-142%	"	"	"		
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		61-130%	"	"	"		
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		94 %		72-119%	"	"	"		

Sample ID:	OSPTA-2	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>							
% 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	<b>Volatile Organic Compounds by EPA Method 8260C</b>							
Dichlorodifluoromethane	ND U	4.8	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305		
Chloromethane	ND U	4.8	"	"	"	"	8260C/SOP305		
Vinyl chloride	ND U	4.8	"	"	"	"	8260C/SOP305		
Bromomethane	ND J, C3, U	4.8	"	"	"	"	8260C/SOP305		
Chloroethane	ND C3, J, U	4.8	"	"	"	"	8260C/SOP305		
Trichlorofluoromethane	ND U	4.8	"	"	"	"	8260C/SOP305		
1,1-Dichloroethene	ND U	4.8	"	"	"	"	8260C/SOP305		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND U	4.8	"	"	"	"	8260C/SOP305		
Acetone	19 C1, J	38	"	"	"	"	8260C/SOP305		
Carbon disulfide	ND U	4.8	"	"	"	"	8260C/SOP305		
Dichloromethane	ND U	4.8	"	"	"	"	8260C/SOP305		
trans-1,2-Dichloroethene	ND U	4.8	"	"	"	"	8260C/SOP305		
tert-Butyl methyl ether (MTBE)	ND U	19	"	"	"	"	8260C/SOP305		
1,1-Dichloroethane	ND U	4.8	"	"	"	"	8260C/SOP305		
Ethyl tert-butyl ether	ND U	19	"	"	"	"	8260C/SOP305		
cis-1,2-Dichloroethene	ND U	4.8	"	"	"	"	8260C/SOP305		
2-Butanone (MEK)	ND U	38	"	"	"	"	8260C/SOP305		
Chloroform	ND U	4.8	"	"	"	"	8260C/SOP305		
1,1,1-Trichloroethane	ND U	4.8	"	"	"	"	8260C/SOP305		
Carbon tetrachloride	ND U	4.8	"	"	"	"	8260C/SOP305		
1,1-Dichloropropene	ND U	4.8	"	"	"	"	8260C/SOP305		
Benzene	ND U	4.8	"	"	"	"	8260C/SOP305		
1,2-Dichloroethane	ND U	4.8	"	"	"	"	8260C/SOP305		
tert-Amyl methyl ether	ND U	19	"	"	"	"	8260C/SOP305		
Trichloroethene	ND U	4.8	"	"	"	"	8260C/SOP305		
1,2-Dichloropropane	ND U	4.8	"	"	"	"	8260C/SOP305		



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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

Volatile Organic Compounds by EPA Method 8260C									
Bromodichloromethane		ND	U	4.8	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4.8	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	38	"	"	"	"	8260C/SOP305
Toluene		ND	U	4.8	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4.8	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4.8	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4.8	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4.8	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	38	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4.8	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4.8	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	4.8	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	4.8	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	9.6	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	4.8	"	"	"	"	8260C/SOP305
Styrene		ND	U	4.8	"	"	"	"	8260C/SOP305
Bromoform		ND	U	4.8	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	4.8	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	4.8	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	4.8	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	4.8	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	4.8	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	19	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	4.8	"	"	"	"	8260C/SOP305
Bicyclohexyl		22	N TIC, J		"	"	"	"	8260C/SOP305
Dodecane		15	N TIC, J		"	"	"	"	8260C/SOP305
Tridecane		25	N TIC, J		"	"	"	"	8260C/SOP305
Undecane, dimethyl-		18	N TIC, J		"	"	"	"	8260C/SOP305
unknown (01)		13	N TIC, J		"	"	"	"	8260C/SOP305
unknown (02)		33	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (01)		24	N TIC, J		"	"	"	"	8260C/SOP305
unknown hydrocarbon (02)		14	N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		91 %		72-119%		"	"	"	

Sample ID: OSPTA-3

Conventional Chemistry Parameters by APHA/EPA Methods



# 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> 1102011-14		<b>Soil - Sampled: 02/09/11 08:26</b>
<b>Sample ID:</b> OSPTA-3		
% Solids	70	1 %

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

<b>Lab ID:</b> 1102011-15		<b>Soil - Sampled: 02/09/11 08:42</b>
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**Sample ID:** OSPTA-4 **Volatile Organic Compounds by EPA Method 8260C**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	ND	U	3.4	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane	ND	U	3.4	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U	3.4	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U	3.4	"	"	"	"	8260C/SOP305
Chloroethane	ND	J, C3, U	3.4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	3.4	"	"	"	"	8260C/SOP305
Acetone	20	C1, J	27	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U	3.4	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U	3.4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U	3.4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U	13	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	ND	U	3.4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	ND	U	13	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	ND	U	3.4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	ND	U	27	"	"	"	"	8260C/SOP305
Chloroform	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	ND	U	3.4	"	"	"	"	8260C/SOP305
Carbon tetrachloride	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene	ND	U	3.4	"	"	"	"	8260C/SOP305
Benzene	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	ND	U	3.4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	ND	U	13	"	"	"	"	8260C/SOP305
Trichloroethene	ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane	ND	U	3.4	"	"	"	"	8260C/SOP305
Bromodichloromethane	ND	U	3.4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene	ND	U	3.4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)	ND	U	27	"	"	"	"	8260C/SOP305
Toluene	ND	U	3.4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	ND	U	3.4	"	"	"	"	8260C/SOP305
Tetrachloroethene	ND	U	3.4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	ND	U	3.4	"	"	"	"	8260C/SOP305



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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 **Volatile Organic Compounds by EPA Method 8260C**

2-Hexanone	ND	U		27	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chlorodibromomethane	ND	U		3.4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	ND	U		3.4	"	"	"	"	8260C/SOP305
Chlorobenzene	ND	U		3.4	"	"	"	"	8260C/SOP305
Ethylbenzene	ND	U		3.4	"	"	"	"	8260C/SOP305
m&p-Xylene	ND	U		6.7	"	"	"	"	8260C/SOP305
o-Xylene	ND	U		3.4	"	"	"	"	8260C/SOP305
Styrene	ND	U		3.4	"	"	"	"	8260C/SOP305
Bromoform	ND	U		3.4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	ND	U		3.4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	ND	U		3.4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	ND	U		3.4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	ND	U		3.4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	ND	U		3.4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		13	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		3.4	"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			101 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			100 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			97 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			95 %	72-119%		"	"	"	

**Sample ID:** OSPTA-4 **Conventional Chemistry Parameters by APHA/EPA Methods**

% Solids	93			1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-16 **Soil - Sampled: 02/09/11 08:58**

**Sample ID:** OSPTA-5 **Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		8.4	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Chloromethane	ND	U		8.4	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		8.4	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U		8.4	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U		8.4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		8.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U		8.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		8.4	"	"	"	"	8260C/SOP305
Acetone	88			67	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U		8.4	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U		8.4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U		8.4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U		34	"	"	"	"	8260C/SOP305



# 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 14:53
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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

Volatile Organic Compounds by EPA Method 8260C									
1,1-Dichloroethane		ND	U	8.4	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Ethyl tert-butyl ether		ND	U	34	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	8.4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	67	"	"	"	"	8260C/SOP305
Chloroform		ND	U	8.4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	8.4	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	8.4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	8.4	"	"	"	"	8260C/SOP305
Benzene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	8.4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	34	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	8.4	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	8.4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	8.4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	67	"	"	"	"	8260C/SOP305
Toluene		ND	U	8.4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	8.4	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	8.4	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	67	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	8.4	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	8.4	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	8.4	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	17	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	8.4	"	"	"	"	8260C/SOP305
Styrene		ND	U	8.4	"	"	"	"	8260C/SOP305
Bromoform		ND	U	8.4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	8.4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	8.4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	34	"	"	"	"	8260C/SOP305



# 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 14:53
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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**

<b>Sample ID:</b> OSPTA-5	<b>Volatile Organic Compounds by EPA Method 8260C</b>
Naphthalene	ND U 8.4 ug/kg dry B1B0032 02/10/11 02/13/11 8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91 % 61-140% " " "
<i>Surrogate: Toluene-d8</i>	102 % 66-142% " " "
<i>Surrogate: 4-Bromofluorobenzene</i>	97 % 61-130% " " "
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	91 % 72-119% " " "

<b>Sample ID:</b> OSPTA-5	<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>
% Solids	67 1 % B1B0069 02/21/11 02/22/11 3550C/SOP460

**Lab ID:** 1102011-17 **Soil - Sampled: 02/09/11 08:58**

<b>Sample ID:</b> OSPTA-6	<b>Volatile Organic Compounds by EPA Method 8260C</b>
Dichlorodifluoromethane	ND U 6.3 ug/kg dry B1B0032 02/10/11 02/13/11 8260C/SOP305
Chloromethane	ND U 6.3 " " " 8260C/SOP305
Vinyl chloride	ND U 6.3 " " " 8260C/SOP305
Bromomethane	ND C3, J, U 6.3 " " " 8260C/SOP305
Chloroethane	ND C3, J, U 6.3 " " " 8260C/SOP305
Trichlorofluoromethane	ND U 6.3 " " " 8260C/SOP305
1,1-Dichloroethene	ND U 6.3 " " " 8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND U 6.3 " " " 8260C/SOP305
Acetone	47 C1, J 50 " " " 8260C/SOP305
Carbon disulfide	ND U 6.3 " " " 8260C/SOP305
Dichloromethane	ND U 6.3 " " " 8260C/SOP305
trans-1,2-Dichloroethene	ND U 6.3 " " " 8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND U 25 " " " 8260C/SOP305
1,1-Dichloroethane	ND U 6.3 " " " 8260C/SOP305
Ethyl tert-butyl ether	ND U 25 " " " 8260C/SOP305
cis-1,2-Dichloroethene	ND U 6.3 " " " 8260C/SOP305
2-Butanone (MEK)	ND U 50 " " " 8260C/SOP305
Chloroform	ND U 6.3 " " " 8260C/SOP305
1,1,1-Trichloroethane	ND U 6.3 " " " 8260C/SOP305
Carbon tetrachloride	ND U 6.3 " " " 8260C/SOP305
1,1-Dichloropropene	ND U 6.3 " " " 8260C/SOP305
Benzene	ND U 6.3 " " " 8260C/SOP305
1,2-Dichloroethane	ND U 6.3 " " " 8260C/SOP305
tert-Amyl methyl ether	ND U 25 " " " 8260C/SOP305
Trichloroethene	ND U 6.3 " " " 8260C/SOP305
1,2-Dichloropropane	ND U 6.3 " " " 8260C/SOP305
Bromodichloromethane	ND U 6.3 " " " 8260C/SOP305
cis-1,3-Dichloropropene	ND U 6.3 " " " 8260C/SOP305



# 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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

4-Methyl-2-pentanone (MIBK)	ND	U		50	ug/kg dry	B1B0032	02/10/11	02/13/11	8260C/SOP305
Toluene	ND	U		6.3	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene	ND	U		6.3	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane	ND	U		6.3	"	"	"	"	8260C/SOP305
Tetrachloroethene	ND	U		6.3	"	"	"	"	8260C/SOP305
1,3-Dichloropropane	ND	U		6.3	"	"	"	"	8260C/SOP305
2-Hexanone	ND	U		50	"	"	"	"	8260C/SOP305
Chlorodibromomethane	ND	U		6.3	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)	ND	U		6.3	"	"	"	"	8260C/SOP305
Chlorobenzene	ND	U		6.3	"	"	"	"	8260C/SOP305
Ethylbenzene	ND	U		6.3	"	"	"	"	8260C/SOP305
m&p-Xylene	ND	U		13	"	"	"	"	8260C/SOP305
o-Xylene	ND	U		6.3	"	"	"	"	8260C/SOP305
Styrene	ND	U		6.3	"	"	"	"	8260C/SOP305
Bromoform	ND	U		6.3	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane	ND	U		6.3	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	ND	U		6.3	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	ND	U		6.3	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	ND	U		6.3	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	ND	U		6.3	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		25	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		6.3	"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			89 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			103 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			95 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			90 %	72-119%		"	"	"	

**Sample ID:** OSPTA-6

**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:** 1102011-18

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

**Sample ID:** ISPPA-1

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		4.9	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane	ND	U		4.9	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		4.9	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U		4.9	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U		4.9	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		4.9	"	"	"	"	8260C/SOP305





# 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 14:53
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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

Volatile Organic Compounds by EPA Method 8260C									
1,1-Dichloroethene		ND	U	4.9	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	4.9	"	"	"	"	8260C/SOP305
Acetone		ND	U	39	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	4.9	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	4.9	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	4.9	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	20	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	4.9	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	20	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	4.9	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	39	"	"	"	"	8260C/SOP305
Chloroform		ND	U	4.9	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	4.9	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	4.9	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	4.9	"	"	"	"	8260C/SOP305
Benzene		ND	U	4.9	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	4.9	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	20	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	4.9	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	4.9	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	4.9	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	4.9	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	39	"	"	"	"	8260C/SOP305
Toluene		ND	U	4.9	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	4.9	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	4.9	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	4.9	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	4.9	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	39	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	4.9	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	4.9	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	4.9	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	4.9	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	9.8	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	4.9	"	"	"	"	8260C/SOP305
Styrene		ND	U	4.9	"	"	"	"	8260C/SOP305



# 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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

Bromoform	ND	U		4.9	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
1,1,2,2-Tetrachloroethane	ND	U		4.9	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane	ND	U		4.9	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene	ND	U		4.9	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene	ND	U		4.9	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene	ND	U		4.9	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		20	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		4.9	"	"	"	"	8260C/SOP305
Bicyclohexyl	11	N TIC, J			"	"	"	"	8260C/SOP305
unknown	12	N TIC, J			"	"	"	"	8260C/SOP305
unknown hydrocarbon	12	N TIC, J			"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93 %		<i>61-140%</i>		"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		<i>66-142%</i>		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		<i>61-130%</i>		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		90 %		<i>72-119%</i>		"	"	"	

**Sample ID:** ISPPA-1

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

% Solids	85			1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-19

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

**Sample ID:** ISPPA-2

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		3.4	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane	ND	U		3.4	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		3.4	"	"	"	"	8260C/SOP305
Bromomethane	ND	C3, J, U		3.4	"	"	"	"	8260C/SOP305
Chloroethane	ND	C3, J, U		3.4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		3.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U		3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		3.4	"	"	"	"	8260C/SOP305
Acetone	ND	U		27	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U		3.4	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U		3.4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U		3.4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U		14	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	ND	U		3.4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	ND	U		14	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	ND	U		3.4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	ND	U		27	"	"	"	"	8260C/SOP305
Chloroform	ND	U		3.4	"	"	"	"	8260C/SOP305



# 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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

1,1,1-Trichloroethane		ND	U	3.4	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Carbon tetrachloride		ND	U	3.4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	3.4	"	"	"	"	8260C/SOP305
Benzene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	3.4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	14	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	3.4	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	3.4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	3.4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	27	"	"	"	"	8260C/SOP305
Toluene		ND	U	3.4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	3.4	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	3.4	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	27	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.4	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.4	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.4	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	6.8	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.4	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.4	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	3.4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	14	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	3.4	"	"	"	"	8260C/SOP305

<i>Surrogate: 1,2-Dichloroethane-d4</i>	92 %	61-140%	"	"	"
<i>Surrogate: Toluene-d8</i>	103 %	66-142%	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>	96 %	61-130%	"	"	"
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	85 %	72-119%	"	"	"



# 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 14:53
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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		
% Solids	86	1 %
<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>		
	B1B0069	02/21/11 02/22/11 3550C/SOP460

<b>Lab ID:</b> 1102011-20		<b>Soil - Sampled: 02/09/11 15:49</b>
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<b>Sample ID:</b> ISPPA-3		<b>Soil - Sampled: 02/09/11 15:49</b>
<b>Volatile Organic Compounds by EPA Method 8260C</b>		
Dichlorodifluoromethane	ND U	3.8 ug/kg dry B1B0039 02/10/11 02/14/11 8260C/SOP305
Chloromethane	ND U	3.8 " " " 8260C/SOP305
Vinyl chloride	ND U	3.8 " " " 8260C/SOP305
Bromomethane	ND C3, J, U	3.8 " " " 8260C/SOP305
Chloroethane	ND C3, J, U	3.8 " " " 8260C/SOP305
Trichlorofluoromethane	ND U	3.8 " " " 8260C/SOP305
1,1-Dichloroethene	ND U	3.8 " " " 8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND U	3.8 " " " 8260C/SOP305
Acetone	ND U	31 " " " 8260C/SOP305
Carbon disulfide	ND U	3.8 " " " 8260C/SOP305
Dichloromethane	ND U	3.8 " " " 8260C/SOP305
trans-1,2-Dichloroethene	ND U	3.8 " " " 8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND U	15 " " " 8260C/SOP305
1,1-Dichloroethane	ND U	3.8 " " " 8260C/SOP305
Ethyl tert-butyl ether	ND U	15 " " " 8260C/SOP305
cis-1,2-Dichloroethene	ND U	3.8 " " " 8260C/SOP305
2-Butanone (MEK)	ND U	31 " " " 8260C/SOP305
Chloroform	ND U	3.8 " " " 8260C/SOP305
1,1,1-Trichloroethane	ND U	3.8 " " " 8260C/SOP305
Carbon tetrachloride	ND U	3.8 " " " 8260C/SOP305
1,1-Dichloropropene	ND U	3.8 " " " 8260C/SOP305
Benzene	ND U	3.8 " " " 8260C/SOP305
1,2-Dichloroethane	ND U	3.8 " " " 8260C/SOP305
tert-Amyl methyl ether	ND U	15 " " " 8260C/SOP305
Trichloroethene	ND U	3.8 " " " 8260C/SOP305
1,2-Dichloropropane	ND U	3.8 " " " 8260C/SOP305
Bromodichloromethane	ND U	3.8 " " " 8260C/SOP305
cis-1,3-Dichloropropene	ND U	3.8 " " " 8260C/SOP305
4-Methyl-2-pentanone (MIBK)	ND U	31 " " " 8260C/SOP305
Toluene	ND U	3.8 " " " 8260C/SOP305
trans-1,3-Dichloropropene	ND U	3.8 " " " 8260C/SOP305
1,1,2-Trichloroethane	ND U	3.8 " " " 8260C/SOP305
Tetrachloroethene	ND U	3.8 " " " 8260C/SOP305



**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> 11042A
<b>Project Number:</b> R11R03	<b>75 Hawthorne Street</b>	<b>Reported:</b> 03/17/11 14:53
<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
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**Lab ID:** 1102011-20

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

**Sample ID:** ISPPA-3

Volatile Organic Compounds by EPA Method 8260C									
1,3-Dichloropropane		ND	U	3.8	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
2-Hexanone		ND	U	31	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.8	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	7.6	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.8	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.8	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.8	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.8	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	3.8	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	15	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	3.8	"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			90 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			103 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			96 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			89 %	72-119%		"	"	"	

**Sample ID:** ISPPA-3

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

% Solids	89	1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-21

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

**Sample ID:** ISPPA-4

Volatile Organic Compounds by EPA Method 8260C									
Dichlorodifluoromethane		ND	U	2.7	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane		ND	U	2.7	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	2.7	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	2.7	"	"	"	"	8260C/SOP305
Chloroethane		ND	C3, J, U	2.7	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
Acetone		ND	U	22	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	2.7	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	2.7	"	"	"	"	8260C/SOP305



# 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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

trans-1,2-Dichloroethene		ND	U	2.7	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	11	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	11	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	2.7	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	22	"	"	"	"	8260C/SOP305
Chloroform		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	2.7	"	"	"	"	8260C/SOP305
Benzene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	U	11	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	2.7	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	2.7	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	2.7	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	22	"	"	"	"	8260C/SOP305
Toluene		ND	U	2.7	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	2.7	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	22	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	2.7	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	2.7	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	2.7	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	2.7	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	5.4	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	2.7	"	"	"	"	8260C/SOP305
Styrene		ND	U	2.7	"	"	"	"	8260C/SOP305
Bromoform		ND	U	2.7	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	2.7	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	2.7	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	2.7	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	2.7	"	"	"	"	8260C/SOP305



# 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 14:53
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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

**Volatile Organic Compounds by EPA Method 8260C**

1,2-Dichlorobenzene	ND	U		2.7	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
1,2-Dibromo-3-chloropropane	ND	U		11	"	"	"	"	8260C/SOP305
Naphthalene	ND	U		2.7	"	"	"	"	8260C/SOP305
Benzene, C4 substituted (01)	8.1		N TIC, J		"	"	"	"	8260C/SOP305
Benzene, C4 substituted (02)	11		N TIC, J		"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			92 %	61-140%		"	"	"	
<i>Surrogate: Toluene-d8</i>			102 %	66-142%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			97 %	61-130%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			92 %	72-119%		"	"	"	

**Sample ID:** ISPPA-4

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

% Solids	93			1	%	B1B0069	02/21/11	02/22/11	3550C/SOP460
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**Lab ID:** 1102011-22

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

**Sample ID:** ISPPA-5

**Volatile Organic Compounds by EPA Method 8260C**

Dichlorodifluoromethane	ND	U		3.5	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
Chloromethane	ND	U		3.5	"	"	"	"	8260C/SOP305
Vinyl chloride	ND	U		3.5	"	"	"	"	8260C/SOP305
Bromomethane	ND		C3, J, U	3.5	"	"	"	"	8260C/SOP305
Chloroethane	ND		C3, J, U	3.5	"	"	"	"	8260C/SOP305
Trichlorofluoromethane	ND	U		3.5	"	"	"	"	8260C/SOP305
1,1-Dichloroethene	ND	U		3.5	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		3.5	"	"	"	"	8260C/SOP305
Acetone	ND	U		28	"	"	"	"	8260C/SOP305
Carbon disulfide	ND	U		3.5	"	"	"	"	8260C/SOP305
Dichloromethane	ND	U		3.5	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene	ND	U		3.5	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)	ND	U		14	"	"	"	"	8260C/SOP305
1,1-Dichloroethane	ND	U		3.5	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether	ND	U		14	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene	ND	U		3.5	"	"	"	"	8260C/SOP305
2-Butanone (MEK)	ND	U		28	"	"	"	"	8260C/SOP305
Chloroform	ND	U		3.5	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane	ND	U		3.5	"	"	"	"	8260C/SOP305
Carbon tetrachloride	ND	U		3.5	"	"	"	"	8260C/SOP305
1,1-Dichloropropene	ND	U		3.5	"	"	"	"	8260C/SOP305
Benzene	ND	U		3.5	"	"	"	"	8260C/SOP305
1,2-Dichloroethane	ND	U		3.5	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether	ND	U		14	"	"	"	"	8260C/SOP305



# 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 14:53
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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

Volatile Organic Compounds by EPA Method 8260C									
Trichloroethene		ND	U	3.5	ug/kg dry	B1B0039	02/10/11	02/14/11	8260C/SOP305
1,2-Dichloropropane		ND	U	3.5	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	3.5	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	3.5	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	28	"	"	"	"	8260C/SOP305
Toluene		ND	U	3.5	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	U	3.5	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	3.5	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	3.5	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	3.5	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	28	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	3.5	"	"	"	"	8260C/SOP305
1,2-Dibromoethane (EDB)		ND	U	3.5	"	"	"	"	8260C/SOP305
Chlorobenzene		ND	U	3.5	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	3.5	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	7	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	3.5	"	"	"	"	8260C/SOP305
Styrene		ND	U	3.5	"	"	"	"	8260C/SOP305
Bromoform		ND	U	3.5	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	3.5	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	3.5	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	3.5	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	3.5	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	3.5	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	U	14	"	"	"	"	8260C/SOP305
Naphthalene		ND	U	3.5	"	"	"	"	8260C/SOP305
<i>Surrogate: 1,2-Dichloroethane-d4</i>			92 %	<i>61-140%</i>		"	"	"	
<i>Surrogate: Toluene-d8</i>			102 %	<i>66-142%</i>		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			96 %	<i>61-130%</i>		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			94 %	<i>72-119%</i>		"	"	"	

**Sample ID:** ISPPA-5

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





# 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 14:53
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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 B1B0026 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/11/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

**Blank (B1B0026-BLK1)**

Dichlorodifluoromethane	ND	U	2.5	ug/kg wet						
Chloromethane	ND	U	2.5	"						
Vinyl chloride	ND	U	2.5	"						
Bromomethane	ND	C3, J, U	2.5	"						
Chloroethane	ND	C3, J, U	2.5	"						
Trichlorofluoromethane	ND	U	2.5	"						
1,1-Dichloroethene	ND	U	2.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	2.5	"						
Acetone	ND	U	20	"						
Carbon disulfide	ND	U	2.5	"						
Dichloromethane	ND	U	2.5	"						
tert-Butyl alcohol	ND	U	50	"						
trans-1,2-Dichloroethene	ND	U	2.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	10	"						
1,1-Dichloroethane	ND	U	2.5	"						
Diisopropyl ether	ND	U	10	"						
Ethyl tert-butyl ether	ND	U	10	"						
2,2-Dichloropropane	ND	U	2.5	"						
cis-1,2-Dichloroethene	ND	U	2.5	"						
2-Butanone (MEK)	ND	U	20	"						
Bromochloromethane	ND	U	2.5	"						
Chloroform	ND	U	2.5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	U	10	"						
Trichloroethene	ND	U	2.5	"						
1,2-Dichloropropane	ND	U	2.5	"						
Dibromomethane	ND	U	2.5	"						
Bromodichloromethane	ND	U	2.5	"						
cis-1,3-Dichloropropene	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	20	"						
Toluene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	20	"						
Chlorodibromomethane	ND	U	2.5	"						



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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 B1B0026 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/11/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

### Blank (B1B0026-BLK1)

1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
1,1,1,2-Tetrachloroethane	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
Isopropylbenzene	ND	U	2.5	"						
Bromobenzene	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
Propylbenzene	ND	U	2.5	"						
2-Chlorotoluene	ND	U	2.5	"						
4-Chlorotoluene	ND	U	2.5	"						
1,3,5-Trimethylbenzene	ND	U	2.5	"						
tert-Butylbenzene	ND	U	2.5	"						
1,2,4-Trimethylbenzene	ND	U	2.5	"						
sec-Butylbenzene	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
p-Isopropyltoluene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
Butylbenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	U	10	"						
1,2,4-Trichlorobenzene	ND	U	2.5	"						
Hexachlorobutadiene	ND	U	2.5	"						
Naphthalene	ND	U	2.5	"						
1,2,3-Trichlorobenzene	ND	U	2.5	"						
Dibromofluoromethane	ND	U	2.5	"						

Surrogate: 1,2-Dichloroethane-d4	27.5		"	25.0		110	61-140
Surrogate: Toluene-d8	24.4		"	25.0		98	66-142
Surrogate: 4-Bromofluorobenzene	24.7		"	25.0		99	61-130
Surrogate: 1,2-Dichlorobenzene-d4	24.3		"	25.0		97	72-119

### LCS (B1B0026-BS1)

Dichlorodifluoromethane	24.2		2.5 ug/kg wet	25.0		97	34-155	200
Chloromethane	22.8		2.5 "	25.0		91	67-136	200
Vinyl chloride	22.7		2.5 "	25.0		91	73-131	200
Bromomethane	28.3		2.5 "	25.0		113	63-158	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 B1B0026 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/11/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

### LCS (B1B0026-BS1)

Chloroethane	24.7		2.5	"	25.0		99	72-141		200
Trichlorofluoromethane	22		2.5	"	25.0		88	65-141		200
1,1-Dichloroethene	24		2.5	"	25.0		96	76-135		200
1,1,2-Trichloro-1,2,2-trifluoroethane	24.5		2.5	"	25.0		98	74-141		200
Acetone	185		20	"	200		92	36-135		200
Dichloromethane	23.1		2.5	"	25.0		92	83-120		200
trans-1,2-Dichloroethene	23.6		2.5	"	25.0		94	84-130		200
tert-Butyl methyl ether (MTBE)	98.8		10	"	100		99	73-132		200
1,1-Dichloroethane	23.5		2.5	"	25.0		94	84-125		200
cis-1,2-Dichloroethene	23.6		2.5	"	25.0		94	87-131		200
2-Butanone (MEK)	186		20	"	200		93	58-146		200
Chloroform	23.6		2.5	"	25.0		94	85-125		200
1,1,1-Trichloroethane	23.8		2.5	"	25.0		95	72-129		200
Carbon tetrachloride	24.6		2.5	"	25.0		98	75-132		200
1,1-Dichloropropene	23.5		2.5	"	25.0		94	80-127		200
Benzene	22.9		2.5	"	25.0		92	84-123		200
1,2-Dichloroethane	23.6		2.5	"	25.0		94	70-131		200
Trichloroethene	23.3		2.5	"	25.0		93	83-123		200
1,2-Dichloropropane	23.3		2.5	"	25.0		93	85-124		200
Bromodichloromethane	24		2.5	"	25.0		96	81-125		200
cis-1,3-Dichloropropene	25.1		2.5	"	25.0		100	81-130		200
4-Methyl-2-pentanone (MIBK)	191		20	"	200		95	63-148		200
Toluene	22.9		2.5	"	25.0		92	82-125		200
trans-1,3-Dichloropropene	25.8		2.5	"	25.0		103	82-130		200
1,1,2-Trichloroethane	23.4		2.5	"	25.0		93	77-140		200
Tetrachloroethene	23.3		2.5	"	25.0		93	80-127		200
1,3-Dichloropropane	23.6		2.5	"	25.0		94	83-128		200
2-Hexanone	193		20	"	200		97	51-168		200
Chlorodibromomethane	25		2.5	"	25.0		100	87-126		200
1,2-Dibromoethane (EDB)	23.7		2.5	"	25.0		95	86-126		200
Chlorobenzene	23.1		2.5	"	25.0		92	88-119		200
Ethylbenzene	23.5		2.5	"	25.0		94	82-126		200
m&p-Xylene	46.8		5	"	50.0		94	84-126		200
o-Xylene	23.8		2.5	"	25.0		95	83-132		200
Styrene	23.9		2.5	"	25.0		95	85-131		200
Bromoform	25.8		2.5	"	25.0		103	83-135		200
1,1,2,2-Tetrachloroethane	23.5		2.5	"	25.0		94	78-134		200
1,2,3-Trichloropropane	22.9		2.5	"	25.0		92	79-131		200
1,3-Dichlorobenzene	23.8		2.5	"	25.0		95	84-126		200
1,4-Dichlorobenzene	23.9		2.5	"	25.0		95	82-127		200
1,2-Dichlorobenzene	23.9		2.5	"	25.0		96	84-126		200
1,2-Dibromo-3-chloropropane	103		10	"	100		103	33-171		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 B1B0026 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/11/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

LCS (B1B0026-BS1)

Surrogate: 1,2-Dichloroethane-d4	25.1		"	25.0	101	61-140
Surrogate: Toluene-d8	24.8		"	25.0	99	66-142
Surrogate: 4-Bromofluorobenzene	25.0		"	25.0	100	61-130
Surrogate: 1,2-Dichlorobenzene-d4	25.3		"	25.0	101	72-119

**Duplicate (B1B0026-DUP1)**

**Source: 1102011-07**

Dichlorodifluoromethane	ND	U		2.8 ug/kg dry	ND	200
Chloromethane	ND	U		2.8 "	ND	200
Vinyl chloride	ND	U		2.8 "	ND	200
Bromomethane	ND	C3, J, U		2.8 "	ND	200
Chloroethane	ND	C3, J, U		2.8 "	ND	200
Trichlorofluoromethane	ND	U		2.8 "	ND	200
1,1-Dichloroethene	ND	U		2.8 "	ND	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U		2.8 "	ND	200
Acetone	34.3			22 "	29.7	14 200
Carbon disulfide	ND	U		2.8 "	ND	200
Dichloromethane	ND	U		2.8 "	ND	200
trans-1,2-Dichloroethene	ND	U		2.8 "	ND	200
tert-Butyl methyl ether (MTBE)	ND	U		11 "	ND	200
1,1-Dichloroethane	ND	U		2.8 "	ND	200
Ethyl tert-butyl ether	ND	U		11 "	ND	200
cis-1,2-Dichloroethene	ND	U		2.8 "	ND	200
2-Butanone (MEK)	ND	U		22 "	ND	200
Chloroform	ND	U		2.8 "	ND	200
1,1,1-Trichloroethane	ND	U		2.8 "	ND	200
Carbon tetrachloride	ND	U		2.8 "	ND	200
1,1-Dichloropropene	ND	U		2.8 "	ND	200
Benzene	ND	U		2.8 "	ND	200
1,2-Dichloroethane	ND	U		2.8 "	ND	200
tert-Amyl methyl ether	ND	U		11 "	ND	200
Trichloroethene	ND	U		2.8 "	ND	200
1,2-Dichloropropane	ND	U		2.8 "	ND	200
Bromodichloromethane	ND	U		2.8 "	ND	200
cis-1,3-Dichloropropene	ND	U		2.8 "	ND	200
4-Methyl-2-pentanone (MIBK)	ND	U		22 "	ND	200
Toluene	ND	U		2.8 "	ND	200
trans-1,3-Dichloropropene	ND	U		2.8 "	ND	200
1,1,2-Trichloroethane	ND	U		2.8 "	ND	200
Tetrachloroethene	ND	U		2.8 "	ND	200
1,3-Dichloropropane	ND	U		2.8 "	ND	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 B1B0026 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/11/11

Duplicate (B1B0026-DUP1)		Source: 1102011-07		Volatile Organic Compounds by EPA Method 8260C - Quality Control						
2-Hexanone	ND	U	22 "			ND				200
Chlorodibromomethane	ND	U	2.8 "			ND				200
1,2-Dibromoethane (EDB)	ND	U	2.8 "			ND				200
Chlorobenzene	ND	U	2.8 "			ND				200
Ethylbenzene	ND	U	2.8 "			ND				200
m&p-Xylene	ND	U	5.5 "			ND				200
o-Xylene	ND	U	2.8 "			ND				200
Styrene	ND	U	2.8 "			ND				200
Bromoform	ND	U	2.8 "			ND				200
1,1,2,2-Tetrachloroethane	ND	U	2.8 "			ND				200
1,2,3-Trichloropropane	ND	U	2.8 "			ND				200
1,3-Dichlorobenzene	ND	U	2.8 "			ND				200
1,4-Dichlorobenzene	ND	U	2.8 "			ND				200
1,2-Dichlorobenzene	ND	U	2.8 "			ND				200
1,2-Dibromo-3-chloropropane	ND	U	11 "			ND				200
Naphthalene	ND	U	2.8 "			2.96				200
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Surrogate: 1,2-Dichloroethane-d4	25.1		"	25.0			101	61-140		
Surrogate: Toluene-d8	24.5		"	25.0			98	66-142		
Surrogate: 4-Bromofluorobenzene	24.3		"	25.0			97	61-130		
Surrogate: 1,2-Dichlorobenzene-d4	24.0		"	25.0			96	72-119		

Batch B1B0032 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/13/11

Blank (B1B0032-BLK1)		Volatile Organic Compounds by EPA Method 8260C - Quality Control								
Dichlorodifluoromethane	ND	U	2.5 ug/kg wet							
Chloromethane	ND	U	2.5 "							
Vinyl chloride	ND	U	2.5 "							
Bromomethane	ND	C3, J, U	2.5 "							
Chloroethane	ND	C3, J, U	2.5 "							
Trichlorofluoromethane	ND	U	2.5 "							
1,1-Dichloroethene	ND	U	2.5 "							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	2.5 "							
Acetone	ND	U	20 "							
Carbon disulfide	ND	U	2.5 "							
Dichloromethane	ND	U	2.5 "							
trans-1,2-Dichloroethene	ND	U	2.5 "							
tert-Butyl methyl ether (MTBE)	ND	U	10 "							
1,1-Dichloroethane	ND	U	2.5 "							
Ethyl tert-butyl ether	ND	U	10 "							
cis-1,2-Dichloroethene	ND	U	2.5 "							



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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 B1B0032 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/13/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

**Blank (B1B0032-BLK1)**

2-Butanone (MEK)	ND	U	20	"						
Chloroform	ND	U	2.5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	U	10	"						
Trichloroethene	ND	U	2.5	"						
1,2-Dichloropropane	ND	U	2.5	"						
Bromodichloromethane	ND	U	2.5	"						
cis-1,3-Dichloropropene	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	20	"						
Toluene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	20	"						
Chlorodibromomethane	ND	U	2.5	"						
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	U	10	"						
Naphthalene	ND	U	2.5	"						

Surrogate: 1,2-Dichloroethane-d4	24.2	"	25.0	97	61-140
Surrogate: Toluene-d8	25.5	"	25.0	102	66-142
Surrogate: 4-Bromofluorobenzene	23.9	"	25.0	96	61-130
Surrogate: 1,2-Dichlorobenzene-d4	22.7	"	25.0	91	72-119

**LCS (B1B0032-BS1)**



# 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 14:53
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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 B1B0032 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/13/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

### LCS (B1B0032-BS1)

Dichlorodifluoromethane	20.9		2.5	ug/kg wet	25.0		84	34-155		200
Chloromethane	22.6		2.5	"	25.0		90	67-136		200
Vinyl chloride	22.9		2.5	"	25.0		92	73-131		200
Bromomethane	30.6		2.5	"	25.0		123	63-158		200
Chloroethane	28.3		2.5	"	25.0		113	72-141		200
Trichlorofluoromethane	23.5		2.5	"	25.0		94	65-141		200
1,1-Dichloroethene	24.3		2.5	"	25.0		97	76-135		200
1,1,2-Trichloro-1,2,2-trifluoroethane	22.3		2.5	"	25.0		89	74-141		200
Acetone	168		20	"	200		84	36-135		200
Dichloromethane	23.1		2.5	"	25.0		93	83-120		200
trans-1,2-Dichloroethene	23.7		2.5	"	25.0		95	84-130		200
tert-Butyl methyl ether (MTBE)	95.2		10	"	100		95	73-132		200
1,1-Dichloroethane	23.9		2.5	"	25.0		96	84-125		200
cis-1,2-Dichloroethene	23.6		2.5	"	25.0		94	87-131		200
2-Butanone (MEK)	164		20	"	200		82	58-146		200
Chloroform	23.4		2.5	"	25.0		94	85-125		200
1,1,1-Trichloroethane	23.3		2.5	"	25.0		93	72-129		200
Carbon tetrachloride	23.7		2.5	"	25.0		95	75-132		200
1,1-Dichloropropene	23.2		2.5	"	25.0		93	80-127		200
Benzene	22.9		2.5	"	25.0		91	84-123		200
1,2-Dichloroethane	21.8		2.5	"	25.0		87	70-131		200
Trichloroethene	22.9		2.5	"	25.0		92	83-123		200
1,2-Dichloropropane	22.9		2.5	"	25.0		92	85-124		200
Bromodichloromethane	23.3		2.5	"	25.0		93	81-125		200
cis-1,3-Dichloropropene	24.5		2.5	"	25.0		98	81-130		200
4-Methyl-2-pentanone (MIBK)	183		20	"	200		92	63-148		200
Toluene	23.9		2.5	"	25.0		95	82-125		200
trans-1,3-Dichloropropene	26		2.5	"	25.0		104	82-130		200
1,1,2-Trichloroethane	23.5		2.5	"	25.0		94	77-140		200
Tetrachloroethene	23.3		2.5	"	25.0		93	80-127		200
1,3-Dichloropropane	23.5		2.5	"	25.0		94	83-128		200
2-Hexanone	184		20	"	200		92	51-168		200
Chlorodibromomethane	25		2.5	"	25.0		100	87-126		200
1,2-Dibromoethane (EDB)	23.2		2.5	"	25.0		93	86-126		200
Chlorobenzene	23.8		2.5	"	25.0		95	88-119		200
Ethylbenzene	24.2		2.5	"	25.0		97	82-126		200
m&p-Xylene	47.8		5	"	50.0		96	84-126		200
o-Xylene	24.5		2.5	"	25.0		98	83-132		200
Styrene	24.3		2.5	"	25.0		97	85-131		200
Bromoform	25.1		2.5	"	25.0		101	83-135		200
1,1,2,2-Tetrachloroethane	23		2.5	"	25.0		92	78-134		200



# 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 14:53
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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 B1B0032 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/13/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

**LCS (B1B0032-BS1)**

1,2,3-Trichloropropane	22.1		2.5	"	25.0		88	79-131		200
1,3-Dichlorobenzene	23.9		2.5	"	25.0		96	84-126		200
1,4-Dichlorobenzene	23.9		2.5	"	25.0		96	82-127		200
1,2-Dichlorobenzene	23.9		2.5	"	25.0		96	84-126		200
1,2-Dibromo-3-chloropropane	96.6		10	"	100		97	33-171		200

Surrogate: 1,2-Dichloroethane-d4	23.2			"	25.0		93	61-140		
Surrogate: Toluene-d8	25.5			"	25.0		102	66-142		
Surrogate: 4-Bromofluorobenzene	24.9			"	25.0		100	61-130		
Surrogate: 1,2-Dichlorobenzene-d4	24.0			"	25.0		96	72-119		

Batch B1B0039 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

**Blank (B1B0039-BLK1)**

Dichlorodifluoromethane	ND	U			2.5	ug/kg wet				
Chloromethane	ND	U			2.5	"				
Vinyl chloride	ND	U			2.5	"				
Bromomethane	ND	C3, J, U			2.5	"				
Chloroethane	ND	C3, J, U			2.5	"				
Trichlorofluoromethane	ND	U			2.5	"				
1,1-Dichloroethene	ND	U			2.5	"				
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U			2.5	"				
Acetone	ND	U			20	"				
Carbon disulfide	ND	U			2.5	"				
Dichloromethane	ND	U			2.5	"				
trans-1,2-Dichloroethene	ND	U			2.5	"				
tert-Butyl methyl ether (MTBE)	ND	U			10	"				
1,1-Dichloroethane	ND	U			2.5	"				
Ethyl tert-butyl ether	ND	U			10	"				
cis-1,2-Dichloroethene	ND	U			2.5	"				
2-Butanone (MEK)	ND	U			20	"				
Chloroform	ND	U			2.5	"				
1,1,1-Trichloroethane	ND	U			2.5	"				
Carbon tetrachloride	ND	U			2.5	"				
1,1-Dichloropropene	ND	U			2.5	"				
Benzene	ND	U			2.5	"				
1,2-Dichloroethane	ND	U			2.5	"				
tert-Amyl methyl ether	ND	U			10	"				
Trichloroethene	ND	U			2.5	"				
1,2-Dichloropropane	ND	U			2.5	"				
Bromodichloromethane	ND	U			2.5	"				





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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 B1B0039 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

### Blank (B1B0039-BLK1)

cis-1,3-Dichloropropene	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	20	"						
Toluene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	20	"						
Chlorodibromomethane	ND	U	2.5	"						
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	U	10	"						
Naphthalene	ND	U	2.5	"						

Surrogate: 1,2-Dichloroethane-d4	25.1		"	25.0	100	61-140
Surrogate: Toluene-d8	25.5		"	25.0	102	66-142
Surrogate: 4-Bromofluorobenzene	24.4		"	25.0	97	61-130
Surrogate: 1,2-Dichlorobenzene-d4	23.2		"	25.0	93	72-119

### LCS (B1B0039-BS1)

Dichlorodifluoromethane	19.3		2.5	ug/kg wet	25.0	77	34-155	200
Chloromethane	22.3		2.5	"	25.0	89	67-136	200
Vinyl chloride	22.1		2.5	"	25.0	88	73-131	200
Bromomethane	27.7		2.5	"	25.0	111	63-158	200
Chloroethane	27.6		2.5	"	25.0	110	72-141	200
Trichlorofluoromethane	21.9		2.5	"	25.0	87	65-141	200
1,1-Dichloroethene	23.6		2.5	"	25.0	94	76-135	200
1,1,2-Trichloro-1,2,2-trifluoroethane	22		2.5	"	25.0	88	74-141	200
Acetone	176		20	"	200	88	36-135	200
Dichloromethane	22.7		2.5	"	25.0	91	83-120	200
trans-1,2-Dichloroethene	22.8		2.5	"	25.0	91	84-130	200



# 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> <b>75 Hawthorne Street</b> <b>San Francisco CA, 94105</b>	<b>SDG:</b> 11042A <b>Reported:</b> 03/17/11 14:53
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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 B1B0039 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

### LCS (B1B0039-BS1)

tert-Butyl methyl ether (MTBE)	93.3		10	"	100		93	73-132		200
1,1-Dichloroethane	22.9		2.5	"	25.0		92	84-125		200
cis-1,2-Dichloroethene	22.7		2.5	"	25.0		91	87-131		200
2-Butanone (MEK)	183		20	"	200		92	58-146		200
Chloroform	22		2.5	"	25.0		88	85-125		200
1,1,1-Trichloroethane	21.6		2.5	"	25.0		86	72-129		200
Carbon tetrachloride	21.7		2.5	"	25.0		87	75-132		200
1,1-Dichloropropene	22.8		2.5	"	25.0		91	80-127		200
Benzene	22.4		2.5	"	25.0		90	84-123		200
1,2-Dichloroethane	21.4		2.5	"	25.0		86	70-131		200
Trichloroethene	22.1		2.5	"	25.0		88	83-123		200
1,2-Dichloropropane	22.8		2.5	"	25.0		91	85-124		200
Bromodichloromethane	22.1		2.5	"	25.0		88	81-125		200
cis-1,3-Dichloropropene	24.1		2.5	"	25.0		96	81-130		200
4-Methyl-2-pentanone (MIBK)	197		20	"	200		98	63-148		200
Toluene	23.5		2.5	"	25.0		94	82-125		200
trans-1,3-Dichloropropene	25.7		2.5	"	25.0		103	82-130		200
1,1,2-Trichloroethane	23.5		2.5	"	25.0		94	77-140		200
Tetrachloroethene	23.2		2.5	"	25.0		93	80-127		200
1,3-Dichloropropane	23.8		2.5	"	25.0		95	83-128		200
2-Hexanone	197		20	"	200		98	51-168		200
Chlorodibromomethane	23.8		2.5	"	25.0		95	87-126		200
1,2-Dibromoethane (EDB)	23.9		2.5	"	25.0		95	86-126		200
Chlorobenzene	23.3		2.5	"	25.0		93	88-119		200
Ethylbenzene	23.7		2.5	"	25.0		95	82-126		200
m&p-Xylene	46.8		5	"	50.0		94	84-126		200
o-Xylene	23.9		2.5	"	25.0		95	83-132		200
Styrene	24		2.5	"	25.0		96	85-131		200
Bromoform	24.5		2.5	"	25.0		98	83-135		200
1,1,2,2-Tetrachloroethane	23.6		2.5	"	25.0		94	78-134		200
1,2,3-Trichloropropane	22.8		2.5	"	25.0		91	79-131		200
1,3-Dichlorobenzene	23.2		2.5	"	25.0		93	84-126		200
1,4-Dichlorobenzene	23.2		2.5	"	25.0		93	82-127		200
1,2-Dichlorobenzene	23		2.5	"	25.0		92	84-126		200
1,2-Dibromo-3-chloropropane	98.2		10	"	100		98	33-171		200

Surrogate: 1,2-Dichloroethane-d4	23.5			"	25.0		94	61-140		
Surrogate: Toluene-d8	25.5			"	25.0		102	66-142		
Surrogate: 4-Bromofluorobenzene	24.7			"	25.0		99	61-130		
Surrogate: 1,2-Dichlorobenzene-d4	23.6			"	25.0		94	72-119		

Duplicate (B1B0039-DUP1)

Source: 1102011-18



# 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 14:53
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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 B1B0039 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

Duplicate (B1B0039-DUP1)		Source: 1102011-18							
Dichlorodifluoromethane	ND	U	6.3	ug/kg dry		ND			200
Chloromethane	ND	U	6.3	"		ND			200
Vinyl chloride	ND	U	6.3	"		ND			200
Bromomethane	ND	C3, J, U	6.3	"		ND			200
Chloroethane	ND	C3, J, U	6.3	"		ND			200
Trichlorofluoromethane	ND	U	6.3	"		ND			200
1,1-Dichloroethane	ND	U	6.3	"		ND			200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	6.3	"		ND			200
Acetone	ND	U	51	"		ND			200
Carbon disulfide	ND	U	6.3	"		ND			200
Dichloromethane	ND	U	6.3	"		ND			200
trans-1,2-Dichloroethene	ND	U	6.3	"		ND			200
tert-Butyl methyl ether (MTBE)	ND	U	25	"		ND			200
1,1-Dichloroethane	ND	U	6.3	"		ND			200
Ethyl tert-butyl ether	ND	U	25	"		ND			200
cis-1,2-Dichloroethene	ND	U	6.3	"		ND			200
2-Butanone (MEK)	ND	U	51	"		ND			200
Chloroform	ND	U	6.3	"		ND			200
1,1,1-Trichloroethane	ND	U	6.3	"		ND			200
Carbon tetrachloride	ND	U	6.3	"		ND			200
1,1-Dichloropropene	ND	U	6.3	"		ND			200
Benzene	ND	U	6.3	"		ND			200
1,2-Dichloroethane	ND	U	6.3	"		ND			200
tert-Amyl methyl ether	ND	U	25	"		ND			200
Trichloroethene	ND	U	6.3	"		ND			200
1,2-Dichloropropane	ND	U	6.3	"		ND			200
Bromodichloromethane	ND	U	6.3	"		ND			200
cis-1,3-Dichloropropene	ND	U	6.3	"		ND			200
4-Methyl-2-pentanone (MIBK)	ND	U	51	"		ND			200
Toluene	ND	U	6.3	"		ND			200
trans-1,3-Dichloropropene	ND	U	6.3	"		ND			200
1,1,2-Trichloroethane	ND	U	6.3	"		ND			200
Tetrachloroethene	ND	U	6.3	"		ND			200
1,3-Dichloropropane	ND	U	6.3	"		ND			200
2-Hexanone	ND	U	51	"		ND			200
Chlorodibromomethane	ND	U	6.3	"		ND			200
1,2-Dibromoethane (EDB)	ND	U	6.3	"		ND			200
Chlorobenzene	ND	U	6.3	"		ND			200
Ethylbenzene	ND	U	6.3	"		ND			200
m&p-Xylene	ND	U	13	"		ND			200
o-Xylene	ND	U	6.3	"		ND			200



**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> 11042A
<b>Project Number:</b> R11R03	<b>75 Hawthorne Street</b>	<b>Reported:</b> 03/17/11 14:53
<b>Project:</b> Western Environmental, Inc. 2011 RCRA Inspection	<b>San Francisco CA, 94105</b>	

**Quality Control**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0039 - 5035 VOA Solid - VOCs, solids, low level

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 8260C - Quality Control

Duplicate (B1B0039-DUP1)		Source: 1102011-18								
Styrene	ND	U	6.3	"		ND				200
Bromoform	ND	U	6.3	"		ND				200
1,1,2,2-Tetrachloroethane	ND	U	6.3	"		ND				200
1,2,3-Trichloropropane	ND	U	6.3	"		ND				200
1,3-Dichlorobenzene	ND	U	6.3	"		ND				200
1,4-Dichlorobenzene	ND	U	6.3	"		ND				200
1,2-Dichlorobenzene	ND	U	6.3	"		ND				200
1,2-Dibromo-3-chloropropane	ND	U	25	"		ND				200
Naphthalene	ND	U	6.3	"		ND				200

Surrogate: 1,2-Dichloroethane-d4	23.7			"	25.0		95	61-140		
Surrogate: Toluene-d8	25.7			"	25.0		103	66-142		
Surrogate: 4-Bromofluorobenzene	24.8			"	25.0		99	61-130		
Surrogate: 1,2-Dichlorobenzene-d4	23.3			"	25.0		93	72-119		

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

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

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Blank (B1B0069-BLK1)										
% 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 14:53

**Qualifiers and Comments**

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.

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.