

US EPA ARCHIVE DOCUMENT



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

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

Date: 3/22/2011

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

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

To: Cameron McDonald
RCRA Enforcement Office
WST-3

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

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

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

Analyses included in this report:

PCB Aroclors by GC/ECD

PCB Aroclors by GC/ECD



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: 11042B

Reported: 03/22/11 17:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
UOTA-1	1102012-05	Oil	02/10/11 11:17	02/10/11 16:30
UOTA-2	1102012-06	Oil	02/10/11 11:15	02/10/11 16:30

SDG ID 11042B

Work Order(s)

1102012



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-05 **Oil - Sampled: 02/10/11 11:17**

Sample ID: UOTA-1 **Polychlorinated Biphenyls by EPA Method 8082A**

Aroclor 1016	RE1	ND	J, Q7, U	200	ug/kg	B1B0063	02/17/11	03/08/11	8082A/SOP335
Aroclor 1221	RE1	ND	J, Q7, U	400	"	"	"	"	8082A/SOP335
Aroclor 1232	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1242	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1248	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1254	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1260	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1262	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1268	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>RE1</i>		79 %	20-134%		"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	<i>RE1</i>		31 %	45.1-87.6%		"	"	"	

Lab ID: 1102012-06 **Oil - Sampled: 02/10/11 11:15**

Sample ID: UOTA-2 **Polychlorinated Biphenyls by EPA Method 8082A**

Aroclor 1016	RE1	ND	J, Q7, U	200	ug/kg	B1B0063	02/17/11	03/08/11	8082A/SOP335
Aroclor 1221	RE1	ND	J, Q7, U	400	"	"	"	"	8082A/SOP335
Aroclor 1232	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1242	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1248	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1254	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1260	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1262	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
Aroclor 1268	RE1	ND	J, Q7, U	200	"	"	"	"	8082A/SOP335
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>RE1</i>		87 %	20-134%		"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	<i>RE1</i>		30 %	45.1-87.6%		"	"	"	



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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 B1B0063 - 3580A Waste Dilution - PCBs

Prepared: 02/17/11 Analyzed: 03/08/11
Polychlorinated Biphenyls by EPA Method 8082A - Quality Control

Blank (B1B0063-BLK2)

Aroclor 1016	ND	U		200 ug/kg						
Aroclor 1221	ND	U		400 "						
Aroclor 1232	ND	U		200 "						
Aroclor 1242	ND	U		200 "						
Aroclor 1248	ND	U		200 "						
Aroclor 1254	ND	U		200 "						
Aroclor 1260	ND	U		200 "						
Aroclor 1262	ND	U		200 "						
Aroclor 1268	ND	U		200 "						

Surrogate: Tetrachloro-m-xylene	340	U		200 ug/kg	400		85	20-134		
Surrogate: Decachlorobiphenyl	354	U		400 "	400		88	45.1-87.6		

LCS (B1B0063-BS2)

Aroclor-1016	869	U		200 ug/kg	1000		87	61.1-155	200	
Aroclor 1260	877	U		200 "	1000		88	51.8-162	200	

Surrogate: Tetrachloro-m-xylene	352	U		200 ug/kg	400		88	20-134		
Surrogate: Decachlorobiphenyl	355	U		400 "	400		89	45.1-87.6		

Matrix Spike (B1B0063-MS2)

Source: 1102012-05RE1

Aroclor 1016	740	U		200 ug/kg	1010	ND	73	65-135	20	
Aroclor-1260	483	U		200 "	1010	ND	48	65-135	20	

Surrogate: Tetrachloro-m-xylene	303	U		200 ug/kg	404		75	20-134		
Surrogate: Decachlorobiphenyl	132	U		404 "	404		33	45.1-87.6		

Matrix Spike Dup (B1B0063-MSD2)

Source: 1102012-05RE1

Aroclor-1016	733	U		200 ug/kg	980	ND	75	65-135	7	20
Aroclor-1260	426	U		200 "	980	ND	43	65-135	13	20

Surrogate: Tetrachloro-m-xylene	297	U		200 ug/kg	392		76	20-134		
Surrogate: Decachlorobiphenyl	116	U		392 "	392		30	45.1-87.6		

Reference (B1B0063-SRM2)

Surrogate: Tetrachloro-m-xylene	1300	U		ug/kg	1600		81	20-134		
Surrogate: Decachlorobiphenyl	836	U		1600 "	1600		52	45.1-87.6		



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Qualifiers and Comments

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

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

U Not Detected

NR Not Reported

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

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