1(A0120

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 4

~~HL0720~~

Company Name: Weston & Sampson - CT (for NUSCO) Telephone: (860) 513-1473
Address: 273 Dividend Road Project # (860) 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Laura Yellen
Project Location: Berlin Settling Basin (Berlin, CT)
Sampled By: Derek Dilaj

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: yellenl@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Collection: Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	1	I	A	PCBs (8082)	# of Containers	** Preservation	***Container Code
~~01~~	WSE-1 (0.5-1.0)	12/19/11	12/19/11		X	S	U				✓			
~~02~~	WSE-1 (2.0-2.5)	"	"								✓			
~~03~~	WSE-2 (1.0-1.5)										✓			
~~04~~	WSE-2 (3.0-3.5)										✓			
~~05~~	WSE-3 (0.0-0.5)										✓			
~~06~~	WSE-3 (6.5-7.0)										✓			
~~07~~	WSE-4 (0.5-1.0)										✓			
~~08~~	WSE-4 (2.5-3.0)										✓			
~~09~~	WSE-5 (0.0-0.5)										✓			
~~10~~	WSE-5 (3.0-3.5)										✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:
Analyze on a 3 Day TAT per Chris Sorokca 11/5/11 JMG

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Derek Dilaj	12/19/11
Received by: (signature) Paul Ramos 12/19/11	16:10
Relinquished by: (signature) Paul Ramos 12/19/11	17:10
Received by: (signature) C. Sorokca 4.49 12/19/11	17:10

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: CTDEEP RSRs (incl. RDEC and GA PMC)
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Page 2 of 4

Company Name: Weston & Sampson - CT (for NUSCO) Telephone: (860) 513-1473

Address: 273 Dividend Road, Rocky Hill, CT 06067

Project #: (860) 513-1483

Client PO#: 02261127

Attention: Laura Yellen

Project Location: Berlin Settling Basin (Berlin, CT)

Sampled By: Derek Dilaj

DATA DELIVERY (check all that apply)
Fax #: sorokca@nu.com
Email: yellenl@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	ANALYSIS REQUESTED: A							# of Containers	** Preservation	***Container Code
11	WSE-6 (0.5-1.0)	12/19/11	12/19/11		x	S	U	PCBs (8082)							1		1
12	WSE-6 (2.5-3.0)																
13	WSE-7 (1.0-1.5)																
14	WSE-7 (3.5-4.0)																
15	WSE-8 (2.5-3.0)																
16	WSE-8 (3.5-4.0)																
17	WSE-9 (0.0-0.5)																
18	WSE-9 (1.0-1.5)																
19	WSE-10 (1.0-1.5)																
20	WSE-10 (3.0-3.5)																

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) — Date/Time: 12/19/11
Received by: (signature) — Date/Time: 12:20
Relinquished by: (signature) — Date/Time: 12:20
Received by: (signature) — Date/Time: 12:20

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other RUSH †
† Require lab approval
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day

Detection Limit Requirements
Massachusetts:
Connecticut: CTDEEP RSRs (incl. RDEC and GA PMC)
Other:

Is your project MCP or RCP?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCl
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
Sl = sludge
O = other

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WBE/DBE Certified

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Address: 273 Dividend Road Project # (860) 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Laura Yellen
Project Location: Berlin Settling Basin (Berlin, CT)
Sampled By: Derek Dilaj

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: yellenl@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Collection: Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (8082)	# of Containers	** Preservation	***Container Code
21	WSE-11 (1.5-2.0)	12/19/11	12/19/11		x	S	U	✓	1	I	A
22	WSE-11 (3.0 - 3.5)							✓			
23	WSE-12 (2.0 - 2.5)							✓			
24	WSE-12 (3.5 - 4.0)							✓			
25	WSE-13 (1.5 - 2.0)							✓			
26	WSE-13 (3.5 - 4.0)							✓			
27	WSE-14 (1.5 - 2.0)							✓			
28	WSE-14 (3.0 - 3.5)							✓			
29	WSE-15 (1.0 - 1.5)							✓			
30	WSE-15 (3.5 - 4.0)							✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) Derek Dilaj	Date/Time: 12/19/11	
Received by: (signature) Paul Raucci	Date/Time: 12/19/11 16:10	
Relinquished by: (signature) Paul Raucci	Date/Time: 12/19/11 17:10	
Received by: (signature) C. Gough-Leggett 4.4°C	Date/Time: 12/19/11 17:10	

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CTDEEP RSRs (incl. RDEC and GA PMC)
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

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DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax #: sorokca@nu.com
Email: yellenl@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	ANALYSIS REQUESTED: PCBs (8082)	# of Containers	** Preservation	***Container Code
31	DUP-1 (A4)	12/19/11	1910		x	S	U	✓	1		Dissolved Metals: O Field Filtered O Lab to Filter
32	WSF-10 (5.0-5.5)										

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments:

Turnaround ††
O 7-Day
O 10-Day
◉ Other 24hr
RUSH †
O †24-Hr O †48-Hr
O †72-Hr O †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: CTDEEP RSRs (incl. RDEC and GA PMC)
Other: _____

Is your project MCP or RCP?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
[signature]	12/19/11	[signature]	12/19/11 18:10
[signature]	12/19/11	[signature]	12/19/11 17:28
[signature]	12/19/11	[signature]	12/19/11 17:10

*Matrix Code: GW = groundwater; WW = wastewater; DW = drinking water; A = air; S = soil/solid; SL = sludge; O = other _____

**Preservation: I = Iced; H = HCL; M = Methanol; N = Nitric Acid; S = Sulfuric Acid; B = Sodium bisulfate; X = Na hydroxide; T = Na thiosulfate; O = Other _____

***Cont. Code: A = amber glass; G = glass; P = plastic; ST = sterile; V = vial; S = summa can; T = tedlar bag; O = Other _____

NELAC & AIHA Certified
WBE/DBE Certified

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Sample Receipt Checklist

CLIENT NAME: Weston + Sampson RECEIVED BY: C.C.S. DATE: 12/19/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? C.C.S. (Yes) No
If not, explain: received extra 8oz amber jar

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.4°C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	32
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 May 2011

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Basin (Berlin, CT)

Project Number: 12A0120

Laboratory Sample ID(s):

12A0120-01

Sample Date(s):

12/19/2011

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☐ Yes ☑ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Laboratory Director**

Printed Name: **Michael A. Erickson** **Date:** **01/10/12**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 5, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond-NUSCO
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12F0988

Enclosed are results of analyses for samples received by the laboratory on June 28, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/5/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F0988

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond-NUSCO

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-15	12F0988-27	Soil		SM 2540G	
				SW-846 8082A	
C-16	12F0988-28	Soil		SM 2540G	
				SW-846 8082A	
C-5	12F0988-AW	Soil		SM 2540G	
				SW-846 8082A	
C-6	12F0988-AX	Soil		SM 2540G	
				SW-846 8082A	
C-7	12F0988-AY	Soil		SM 2540G	
				SW-846 8082A	
C-8	12F0988-AZ	Soil		SM 2540G	
				SW-846 8082A	
C-9	12F0988-BA	Soil		SM 2540G	
				SW-846 8082A	
C-10	12F0988-BB	Soil		SM 2540G	
				SW-846 8082A	
C-11	12F0988-BC	Soil		SM 2540G	
				SW-846 8082A	
C-12	12F0988-BD	Soil		SM 2540G	
				SW-846 8082A	
C-13	12F0988-BE	Soil		SM 2540G	
				SW-846 8082A	
C-14	12F0988-BF	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12F0988-AY[C-7], 12F0988-BA[C-9], 12F0988-BE[C-13]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-15 Sampled: 6/26/2012 09:58

Sample ID: 12F0988-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1254 [2]	0.59	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1260 [2]	1.6	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/3/12 14:20
Decachlorobiphenyl [2]	93.8	30-150		7/3/12 14:20
Tetrachloro-m-xylene [1]	94.1	30-150		7/3/12 14:20
Tetrachloro-m-xylene [2]	88.8	30-150		7/3/12 14:20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-15 Sampled: 6/26/2012 09:58

Sample ID: 12F0988-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-16 Sampled: 6/28/2012 10:00

Sample ID: 12F0988-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	130	30-150		7/2/12 15:21
Decachlorobiphenyl [2]	122	30-150		7/2/12 15:21
Tetrachloro-m-xylene [1]	126	30-150		7/2/12 15:21
Tetrachloro-m-xylene [2]	133	30-150		7/2/12 15:21

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-16 Sampled: 6/28/2012 10:00

Sample ID: 12F0988-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-5 Sampled: 6/28/2012 09:30

Sample ID: 12F0988-AW

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1254 [2]	0.43	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1260 [2]	1.1	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 15:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	127	30-150		7/2/12 15:33
Decachlorobiphenyl [2]	120	30-150		7/2/12 15:33
Tetrachloro-m-xylene [1]	112	30-150		7/2/12 15:33
Tetrachloro-m-xylene [2]	117	30-150		7/2/12 15:33

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-5 Sampled: 6/28/2012 09:30

Sample ID: 12F0988-AW

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.4		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-6 Sampled: 6/28/2012 09:31

Sample ID: 12F0988-AX

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	112	30-150		7/2/12 16:10
Decachlorobiphenyl [2]	105	30-150		7/2/12 16:10
Tetrachloro-m-xylene [1]	93.2	30-150		7/2/12 16:10
Tetrachloro-m-xylene [2]	98.3	30-150		7/2/12 16:10

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-6 | Sampled: 6/28/2012 09:31

Sample ID: 12F0988-AX

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-7 | Sampled: 6/28/2012 09:40

Sample ID: 12F0988-AY

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1254 [2]	5.2	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1260 [2]	9.7	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/3/12 14:33
Decachlorobiphenyl [2]	*	30-150	S-01	7/3/12 14:33
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/3/12 14:33
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/3/12 14:33

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-7 | Sampled: 6/28/2012 09:40

Sample ID: 12F0988-AY

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-8 Sampled: 6/28/2012 09:42

Sample ID: 12F0988-AZ

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 16:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		7/2/12 16:35
Decachlorobiphenyl [2]	106	30-150		7/2/12 16:35
Tetrachloro-m-xylene [1]	95.7	30-150		7/2/12 16:35
Tetrachloro-m-xylene [2]	101	30-150		7/2/12 16:35

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-8 | Sampled: 6/28/2012 09:42

Sample ID: 12F0988-AZ

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-9 Sampled: 6/28/2012 09:52

Sample ID: 12F0988-BA

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1254 [2]	3.7	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1260 [2]	6.4	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 14:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/3/12 14:45
Decachlorobiphenyl [2]	*	30-150	S-01	7/3/12 14:45
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/3/12 14:45
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/3/12 14:45

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-9 | Sampled: 6/28/2012 09:52

Sample ID: 12F0988-BA

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.4		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-10 Sampled: 6/28/2012 09:54

Sample ID: 12F0988-BB

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1254 [1]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1260 [2]	0.16	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/2/12 17:00
Decachlorobiphenyl [2]	99.6	30-150		7/2/12 17:00
Tetrachloro-m-xylene [1]	92.9	30-150		7/2/12 17:00
Tetrachloro-m-xylene [2]	98.5	30-150		7/2/12 17:00

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-10 | Sampled: 6/28/2012 09:54

Sample ID: 12F0988-BB

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-11 Sampled: 6/28/2012 09:45

Sample ID: 12F0988-BC

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1254 [2]	2.3	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1260 [2]	4.2	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	6/28/12	7/3/12 14:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	118	30-150		7/3/12 14:58
Decachlorobiphenyl [2]	112	30-150		7/3/12 14:58
Tetrachloro-m-xylene [1]	101	30-150		7/3/12 14:58
Tetrachloro-m-xylene [2]	94.8	30-150		7/3/12 14:58

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-11 | Sampled: 6/28/2012 09:45

Sample ID: 12F0988-BC

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.2		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-12 Sampled: 6/28/2012 09:50

Sample ID: 12F0988-BD

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		7/2/12 17:25
Decachlorobiphenyl [2]	106	30-150		7/2/12 17:25
Tetrachloro-m-xylene [1]	101	30-150		7/2/12 17:25
Tetrachloro-m-xylene [2]	107	30-150		7/2/12 17:25

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-12 Sampled: 6/28/2012 09:50

Sample ID: 12F0988-BD

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.5		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-13 | Sampled: 6/28/2012 09:55

Sample ID: 12F0988-BE

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1254 [2]	2.0	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1260 [2]	5.0	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 15:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/3/12 15:13
Decachlorobiphenyl [2]	*	30-150	S-01	7/3/12 15:13
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/3/12 15:13
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/3/12 15:13

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-13 | Sampled: 6/28/2012 09:55

Sample ID: 12F0988-BE

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.5		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-14 Sampled: 6/28/2012 09:56

Sample ID: 12F0988-BF

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 17:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		7/2/12 17:50
Decachlorobiphenyl [2]	98.6	30-150		7/2/12 17:50
Tetrachloro-m-xylene [1]	95.3	30-150		7/2/12 17:50
Tetrachloro-m-xylene [2]	101	30-150		7/2/12 17:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12F0988

Date Received: 6/28/2012

Field Sample #: C-14 | Sampled: 6/28/2012 09:56

Sample ID: 12F0988-BF

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.8		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

con-test® ANALYTICAL LABORATORY
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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12F0988-27 [C-15]	B054383	07/02/12
12F0988-28 [C-16]	B054383	07/02/12
12F0988-AW [C-5]	B054383	07/02/12
12F0988-AX [C-6]	B054383	07/02/12
12F0988-AY [C-7]	B054383	07/02/12
12F0988-AZ [C-8]	B054383	07/02/12
12F0988-BA [C-9]	B054383	07/02/12
12F0988-BB [C-10]	B054383	07/02/12
12F0988-BC [C-11]	B054383	07/02/12
12F0988-BD [C-12]	B054383	07/02/12
12F0988-BE [C-13]	B054383	07/02/12
12F0988-BF [C-14]	B054383	07/02/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F0988-27 [C-15]	B054249	10.2	10.0	06/28/12
12F0988-28 [C-16]	B054249	10.2	10.0	06/28/12
12F0988-AW [C-5]	B054249	10.1	10.0	06/28/12
12F0988-AX [C-6]	B054249	10.2	10.0	06/28/12
12F0988-AY [C-7]	B054249	10.2	10.0	06/28/12
12F0988-AZ [C-8]	B054249	10.1	10.0	06/28/12
12F0988-BA [C-9]	B054249	10.1	10.0	06/28/12
12F0988-BB [C-10]	B054249	10.2	10.0	06/28/12
12F0988-BC [C-11]	B054249	10.2	10.0	06/28/12
12F0988-BD [C-12]	B054249	10.1	10.0	06/28/12
12F0988-BE [C-13]	B054249	10.2	10.0	06/28/12
12F0988-BF [C-14]	B054249	10.2	10.0	06/28/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054249 - SW-846 3540C										
Blank (B054249-BLK1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
LCS (B054249-BS1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Surrogate: Decachlorobiphenyl	*0.221*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150			
LCS Dup (B054249-BSD1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140	1.15	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140	1.43	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140	1.53	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	1.35	30	
Surrogate: Decachlorobiphenyl	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		95.9	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054383 - % Solids										
Duplicate (B054383-DUP2)	**Source: 12F0988-27**		Prepared: 07/02/12 Analyzed: 07/03/12							
% Solids	84.7		% Wt		84.7			0.00	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond-Musco
Sampled By: N. Philippi

Telephone: 860 513 1473
Project # 2110618 A
Client PO#

DATA DELIVERY (check all that apply)
● FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wseinc.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ACBS by 8082	Soil Extraction 3546
-01	B305(1 1.5-2.0'	6/26/12	1330		X	S	U	10	I	A		
-02	B3052 3.5-4.0'		1332									
-03	B3053 5.5-6.0'		1324									
-04	B3054 7.5-8.0'		1326									
-05	B3055 9.5-10'		1328									
-06	B1451 0.5-1.0'		1520									
-07	B1452 2.5-3.0'		1522									
-08	B1453 4.5-5.0'		1524									
-09	B1454 6.5-7.0'		1526									
-10	B1455 9.5-10'		1528									

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: (*) HOLD SAMPLES FOR ANALYSIS/ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-28-12 1230
Received by: (signature)	Date/Time: 6/28/12 1239
Relinquished by: (signature)	Date/Time: 6/28/12 1235
Received by: (signature)	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Days
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

††TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F 0988

Company Name: WESTON & SAMPSON
Address: 273 DEVELOPMENT RD
ROCKY HILL, CT
Attention: JEFF DUIGOU
Project Location: BERLIN SETTLERS POND-MUSCO
Sampled By: M. PHELPS

Telephone: 860 513 1473
Project # 2110618.14
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: JDuigou@wsp.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
~~B1351~~	~~B1351 1.0-1.5'~~	~~6/26/12~~	~~1510~~		X	S	U
-11	B1352 2.0-2.5'	6/26/12	1512				
-12	B1353 5.0-5.5'		1514				
-13	B1354 7.0-7.5'		1516				
~~B1355~~	~~B1355 9.0-9.5'~~		~~1518~~				
-14	B5452 2.5-3.0'		1030				
-15	B5453 5.0-5.5'		1038				
-16	B5454 6.5-7.0'		1040				
-17	B8952 2.0-2.5'		0855				
-18	B8953 4.0-4.5'		0858				

B											# of Containers
I	I										** Preservation
A	A										***Container Code
2 VOCs Lab Soil Extraction 5035C											ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: ⊛ HOCO SAMPLES FOR ANALYSIS / ANALYSE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-28-12 1230
Received by: (signature)	Date/Time: 6/28/12 1230
Relinquished by: (signature)	Date/Time: 6/28/12 2:55
Received by: (signature)	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☑ 10-Day
☐ Other 5
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.05 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill, CT
Attention: Jeff Duigon
Project Location: Berlin Settling Pond
Sampled By: P. Phillips

Telephone: 860 513 1473
Project # 2110618 A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigonj@wsandsinc.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	40	4	A	ANALYSIS REQUESTED: RCB's 8082 Soil Leaf Extraction 3050
-19	B-1051 1.0-1.5'	6-26-12	1350		X	S	U				
-20	B1052 3.0-3.5'		1354								
-21	B1053 5.0-5.5'		1356								
-22	B1054 7.0-7.5'		1358								
-23	B1055 9.0-9.5'		1400								
-24	B7752 2.0-2.5'		0918								
-25	B7753 4.5-5.0'		0922								
-26	B7754 7.5-8.0'		0925								
-27	C-15	6/28/12	0958	X		S	U	X	X		
-28	C-16		1000	X		S	U	X	X		

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: ⊛ HOLD SAMPLES FOR ANALYSIS! ANALYTE ONLY SAMPLES C-5, C-6, C-7, C-8 & C-9, C-10, C-11, C-12, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6-28-12/1230
Received by: (signature)	Date/Time:
	6/28/12 12[illegible]
Relinquished by: (signature)	Date/Time:
	6/28/12 [illegible]
Received by: (signature)	Date/Time:
	6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
†Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

††TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 55
Page 542 of 4786

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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0988

Page 4 of 15

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Peabody Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond-NUSCO
Sampled By: N. Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Telephone: 860 513 1473
Project # 2110618 A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wseinc.com
Format: ●PDF ●EXCEL ○GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
-29	B8954 7.0-7.5'	6-26-12	0900		X	S	U
-30	B6852 3.0-3.5'		0932				
-31	B6853 5.0-5.5'		0934				
-32	B6854 6.5-7.0'		0936				
-33	B3151 1.0-1.5'		1104				
-34	B3152 3.0-3.5'		1106				
-35	B3153 5.0-5.5'		1108				
-36	B3154 7.0-7.5'		1110				
-37	B3155 9.0-9.5'		1112				

ANALYSIS REQUESTED

| | | | |

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 5 of 15

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
								B	-	A		
-38	B1151 .5-1 6-27-12	0808			x	s	u					
-39	B1152 2.5-3	0810			x	s	u					
-40	B1153 4.5-5	0815			x	s	u					
-41	B1154 6.5-7	0818			x	s	u					
-42	B1155 8.5-9	0820			x	s	u					
	~~B15-1 1.0-1.5~~	~~0822~~			x	s	u					
-43	B1552 3.0-3.5	0825			x	s	u					
-44	B1553 5.0-5.5	0830			x	s	u					
-45	B1554 7.0-7.5	0832			x	s	u					
	~~B15-5 9.0-9.5~~	~~0840~~			x	s	u					

ANALYSIS REQUESTED

Comments: HOLD SAMPLES FOR ANALYSES / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6/28/12 1230
Received by: (signature)	Date/Time:
	6/28/12
Relinquished by: (signature)	Date/Time:
	6/28/12
Received by: (signature)	Date/Time:
	6/28/12 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other Sched
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

***Container Code**
Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

††TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406	# of Containers	** Preservation	***Container Code
										10	I	A
-46	B-1751 0.0-0.5 6-27-12	0954			x	s	u					
-47	B1752 2-2.5	0956			x	s	u					
-48	B1753 4-4.5	0958			x	s	u					
-49	B1754 6-6.5	1000			x	s	u					
-50	B1755 8-8.5	1002			x	s	u					
-51	B1851 1-1.5	1004			x	s	u					
-52	B1852 3-3.5	1006			x	s	u					
-53	B1853 5-5.5	1008			x	s	u					
-54	B1854 7-7.5	1010			x	s	u					
-55	B1855 9-9.5	1012			x	s	u					

ANALYSIS REQUESTED

Comments: * HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 6/18/12 1230
Relinquished by: (signature)	Date/Time: 6/18/12 1755
Received by: (signature)	Date/Time: 6/28/12 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 7 of 15

12F0788

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
-56	B-1951 1.5-2 C-27.12	1014			x	s	u	8	I	A		
-57	B1952 3.5-4	1016			x	s	u					
-58	B1953 5.5-6	1018			x	s	u					
-59	B1954 7.5-8	1020			x	s	u					
-60	B1955 9.5-10	1022			x	s	u					
~~-B28-1 .5-1~~		~~1030~~			x	s	~~u~~					
-61	B2852 2.5-3	1040			x	s	u					
-62	B2853 4.5-5	1050			x	s	u					
-63	B2854 6.5-7	1100			x	s	u					
~~B28-5 8.5-9~~		1110			x	s	~~u~~					

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Days
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: ~~0.5 mg/kg~~ 0.025 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 8 of 15

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
-64	B2951 0-0.5 6-27-12	1120			x	s	u	10	I	A		
-65	B2952 2-2.5	1130			x	s	u					
-66	B2953 4-4.5	1140			x	s	u					
-67	B2954 6-6.5	1150			x	s	u					
-68	B2955 8-8.5	1200			x	s	u					
-69	B3951 1-1.5	1300			x	s	u					
-70	B3952 3-3.5	1310			x	s	u					
-71	B3953 5-5.5	1312			x	s	u					
-72	B3954 7-7.5	13H			x	s	u					
-73	B3955 9-9.5 ✓	1316			x	s	u					

ANALYSIS REQUESTED

Comments: HOLD SAMPLES FOR ~~ANALYSIS~~ / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
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	6-28-12 1230
Received by: (signature)	Date/Time:
	6/28/12 1230
Relinquished by: (signature)	Date/Time:
	6/28/12
Received by: (signature)	Date/Time:
1455	6/28

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 days
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

***Container Code**
Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

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39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 9 of 15

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
-74	B40-1 1.5-2 6-27-12	1318			x	s	u	10	I	A		
-75	B40-2 3.5-4	1320			x	s	u					
-76	B40-3 5.5-6	1322			x	s	u					
-77	B404 7.5-8	1324			x	s	u					
-78	B40-5 9.5-10	1326			x	s	u					
-79	B-53-1 0-0.5	1328			x	s	u					
-80	B53-2 2-2.5	1330			x	s	u					
-81	B53-3 4-4.5	1332			x	s	u					
-82	B53-4 6-6.5	1334			x	s	u					
-83	B53-5 8-8.5	1336			x	s	u					

ANALYSIS REQUESTED

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:	Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	6-28-12 1330		6/28/12 1230		6/28/12 1500		6/28/12 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
								10	I	A		
-84	BG7-1 1-1.5 6-21-12	1338			x	s	u					
-85	BG7-2 3-3.5	1340			x	s	u					
-86	BG7-3 5-5.5	1342			x	s	u					
-87	BG7-4 7-7.5	1344			x	s	u					
-88	BG7-5 9-9.5	1348			x	s	u					
-89	BG6-1 1.5-2	1350			x	s	u					
-90	BG6-2 3.5-4	1352			x	s	u					
-91	BG6-3 5.5-6	1354			x	s	u					
-92	BG6-4 7.5-8	1356			x	s	u					
-93	BG6-5 9.5-10	1358			x	s	u					

ANALYSIS REQUESTED

Comments: HOLD SAMPLES FOR ANALYSIS / ANALYZE ONCE SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time
Relinquished by: (signature)	6/28/12 1530
Received by: (signature)	6/28/12 1730
Relinquished by: (signature)	6/28/12 1755
Received by: (signature)	6/28/12 1455

Turnaround ††
☐ 7-Day
☒ Other 5 days
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Dissolved Metals
○ Field Filtered
○ Lab to Filter

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406	ANALYSIS REQUESTED
								10		# of Containers
								I	I	** Preservation
								A	A	***Container Code
-94	B52-1 C.5-1 C-27.12	1415			x	s	u			
-95	B52-2 2.5-3	1430			x	s	u			
-96	B52-3 4.5-5	1435			x	s	u			
-97	B52-4 6.5-7	1440			x	s	u			
-98	B52-5 8.5-9	1445			x	s	u			
-99	B76-1 1-1.5	1450			x	s	u			
-100	B76-2 3-3.5	1455			x	s	u			
-101	B76-3 5-5.5	1500			x	s	u			
-102	B76-4 7-7.5	1505			x	s	u			
-103	B76-5 9-9.5	1510			x	s	u			

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	6-28-12 1230
Received by: (signature)	6/28/12 12:34
Relinquished by: (signature)	6/28/12 1455
Received by: (signature)	6/28 5.7

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.2 mg/kg~~ 0.005 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
								10	I	A	ANALYSIS REQUESTED	
-104	B88-1 1.5-2 6-27-12	1515			x	s	u					
-105	B88-2 3.5-4	1530			x	s	u					
-106	B88-3 5.5-6	1535			x	s	u					
-107	B88-4 7.5-8	1540			x	s	u					
-108	B88-5 9.5-10	1545			x	s	u					
-109	B75-1 0-0.5	1546			x	s	u					
-110	B75-2 2-2.5	1548			x	s	u					
-111	B75-3 4-4.5	1515			x	s	u					
-112	B75-4 6-6.5	1520			x	s	u					
-113	B75-5 8-8.5	1522			x	s	u					

Comments: HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Container Code
Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

	Date/Time:
Relinquished by: (signature)	6-28-12 1530
Received by: (signature)	6/28/12 1730
Relinquished by: (signature)	6/28/12 1750
Received by: (signature)	6/28/12 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 13 of 15

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
-114	B12-1 0-.5 C-27	12 0850			x	s	u	8	I	A		
-115	B12-2 2-2.5	0900			x	s	u					
-116	B12-3 4-4.5	0915			x	s	u					
-117	B12-4 6-6.5	0930			x	s	u					
-118	B12-5 8-8.5	0935			x	s	u					
~~-~~	~~B16-1 1-1.5~~	~~0945~~			~~x~~	s	u					
-119	B16-2 3.5-4	0946			x	s	u					
-120	B16-3 5.5-6	0948			x	s	u					
-121	B16-4 7.5-8	0950			x	s	u					
~~-~~	~~B16-5 9.5-10~~	~~0952~~			~~x~~	s	u					

ANALYSIS REQUESTED

Comments: HOCD SAMPLES FOR ANALYSES/ANALYTE ONLY C-5, C-6, C-7, C-8, C-9, C-20, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

	Date/Time:
Relinquished by: (signature)	6/28:12 1230
Received by: (signature)	6/28/12
Relinquished by: (signature)	6/28/12
Received by: (signature)	6/28/12

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB'S 8082	SOCHLET EXTRACTION 35406
								10	1	A		
-122	C-5	6/28/12	0930	X	X	S	U				X	X
-123	C-6		0931	X	X	S	U				X	X
-124	C-7		0940	X	X	S	U				X	X
-125	C-8		0942	X	X	S	U				X	X
-126	C-9		0952	X	X	S	U				X	X
-127	C-10		0954	X	X	S	U				X	X
-128	C-11		0945	X	X	S	U				X	X
-129	C-12		0950	X	X	S	U				X	X
-130	C-13		0955	X	X	S	U				X	X
-131	C-14		0956	X	X	S	U				X	X

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time
Relinquished by: (signature)	6/28/12 15:30
Received by: (signature)	6/28/12
Relinquished by: (signature)	6/28/12
Received by: (signature)	6/28/12

Turnaround ††
☐ 7-Day
~~☐ 10 Day~~
☒ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
* Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25ug/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0988

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Rocky Hill, CT
Attention: Jeff Driscoll
Project Location: Berlin Salt Dry Pad NOSO
Sampled By: N. Philippi

Telephone: 860 513 1473
Project # 21106168A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: driscollj@wsenv.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
	~~B3051~~	6/26/12						5	I	A
	~~B3052~~ 1322									
	~~B3053~~ 1324									
	~~B3054~~									
	~~B3055~~									
-132	B4551 0.5-1.0*	6/28/12								
-133	B4552 2.5-3.0*									
-134	B4553 4.5-5.0*									
-135	B4554 6.5-7.0*									
-136	B4555 8.5-9.0*									

PCBs 8082
Soil Extraction 3546

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

* Sample depths taken from jar SD. 6/28/12

Comments: HOLD SAMPLES FOR ANALYSIS/ANALYZE ONLY C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6/28/12 1230
Received by: (signature)	Date/Time: 6/28/12 12
Relinquished by: (signature)	Date/Time: 6/28/12 12
Received by: (signature)	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25mg/kg
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: SD DATE: 6/28/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** Yes (No)
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.5, 5.7 (S.D)

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** (Yes) No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	134
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Missing the 6th and 10th sample. Samples on the last page have no depth or time to go by.

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

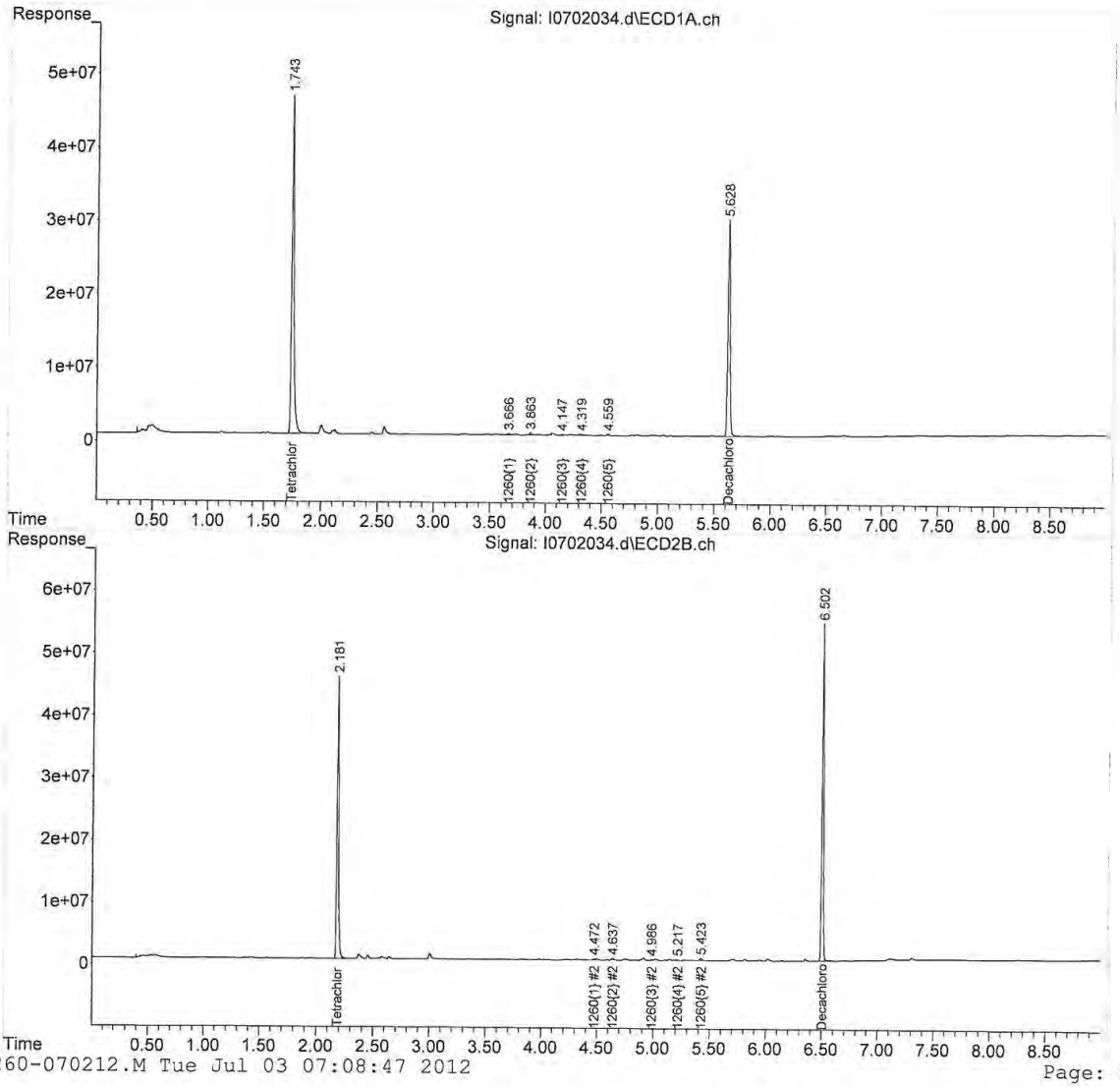
Time and Date Frozen:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 3:21 pm
Operator : JMB
Sample : 12F0988-28@5X Inst : ECD 9
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:08:47 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

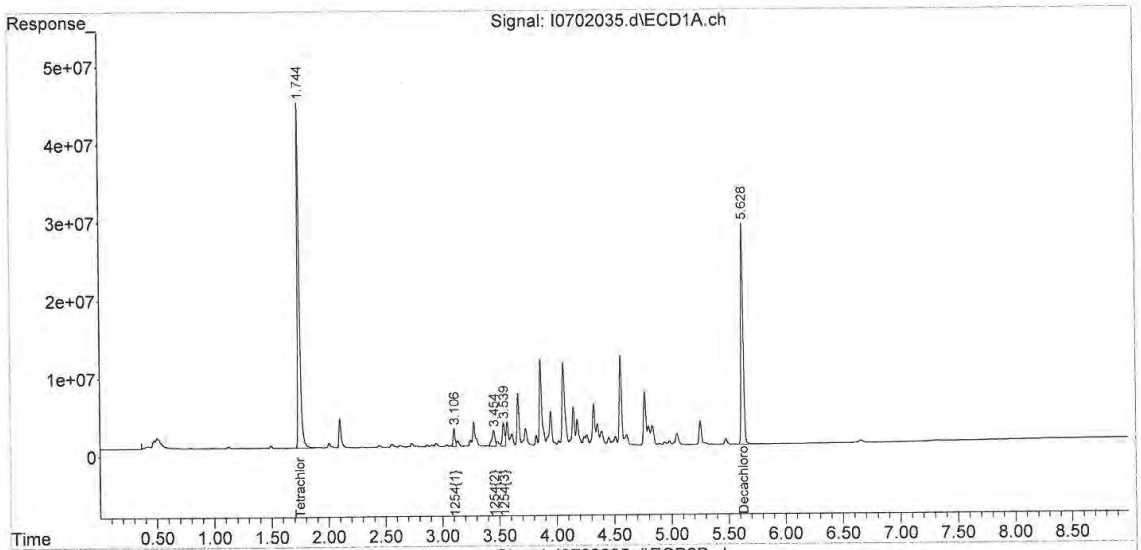


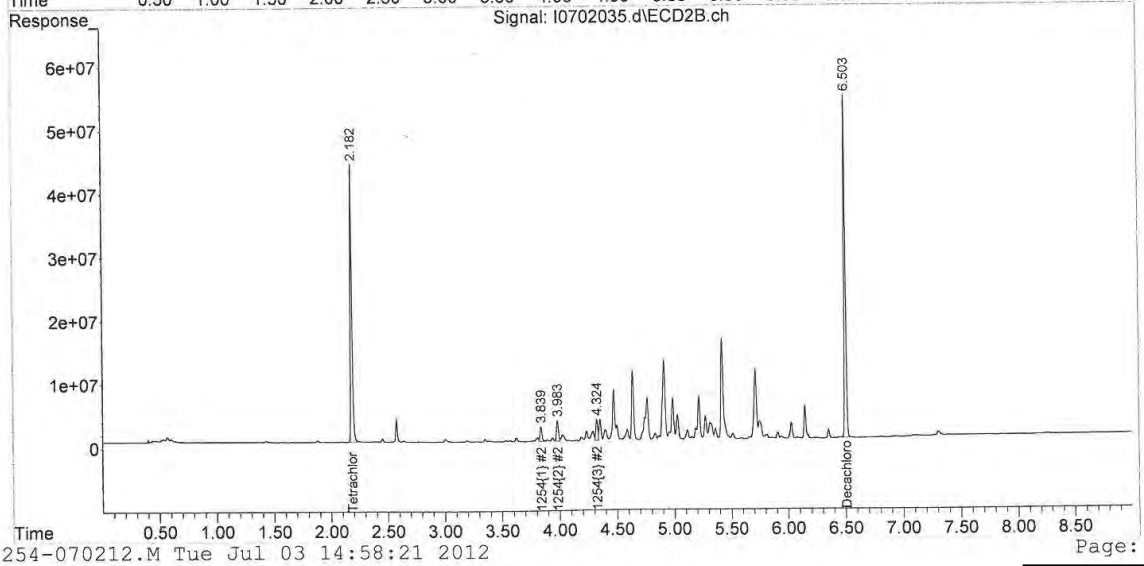
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702035.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 3:33 pm
Operator : JMB
Sample : 12F0988-AW@5X Inst : ECD 9
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 03 14:58:17 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070212.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



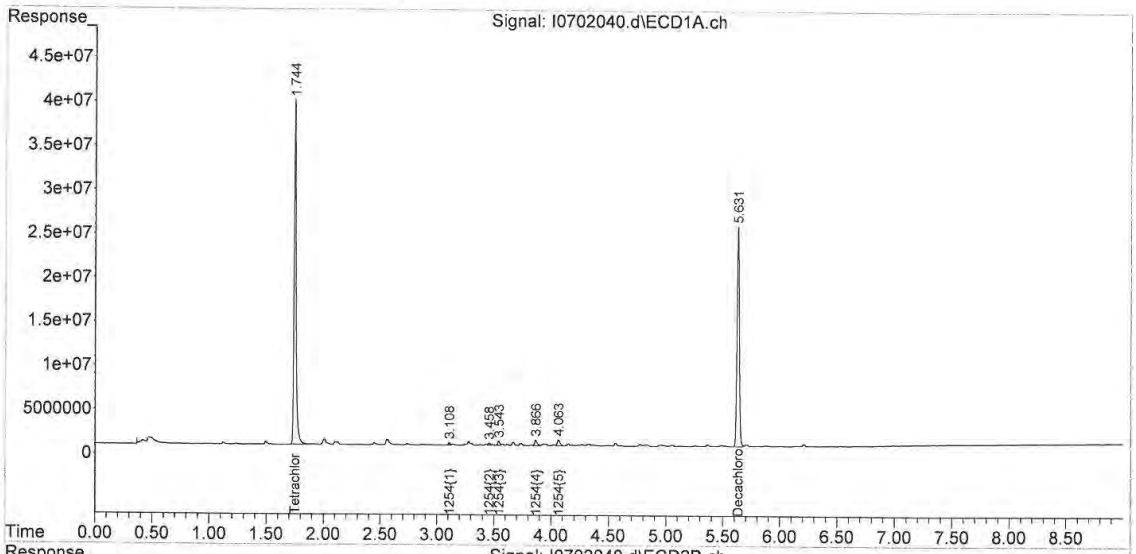


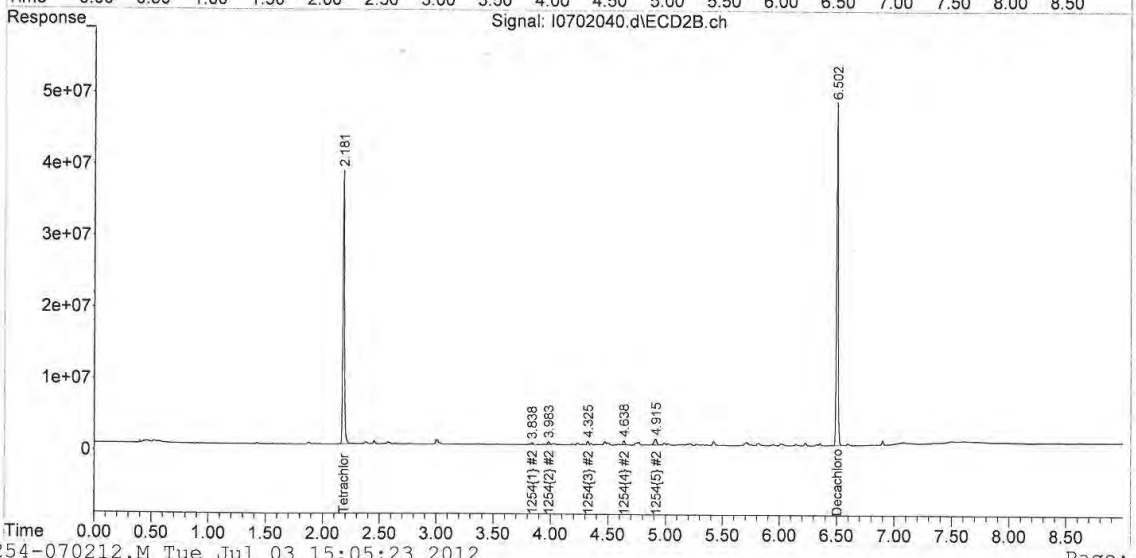
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702040.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 4:35 pm
Operator : JMB
Sample : 12F0988-AZ@5X Inst : ECD 9
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 03 15:05:22 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070212.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



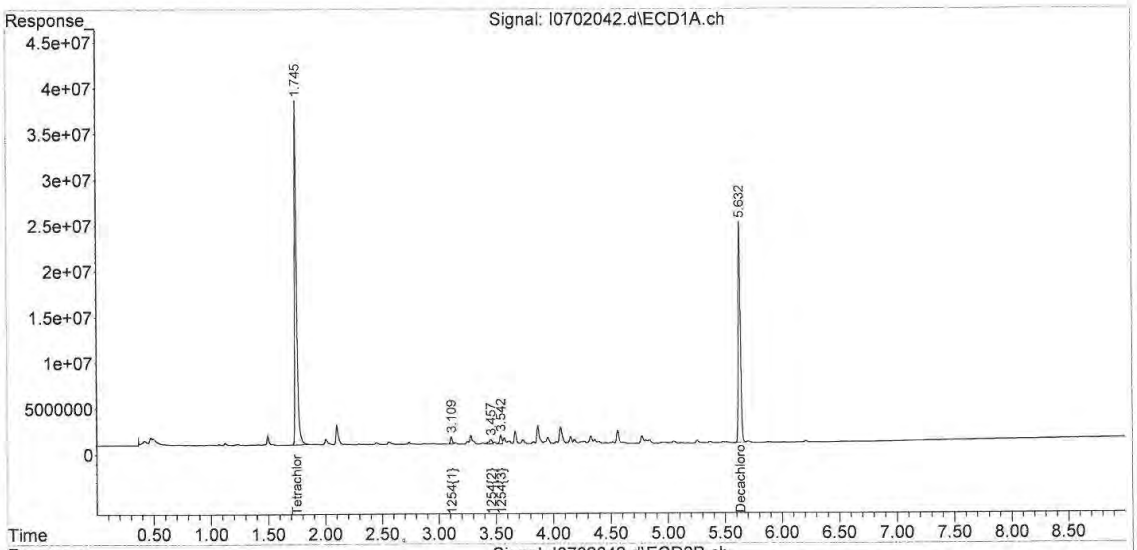


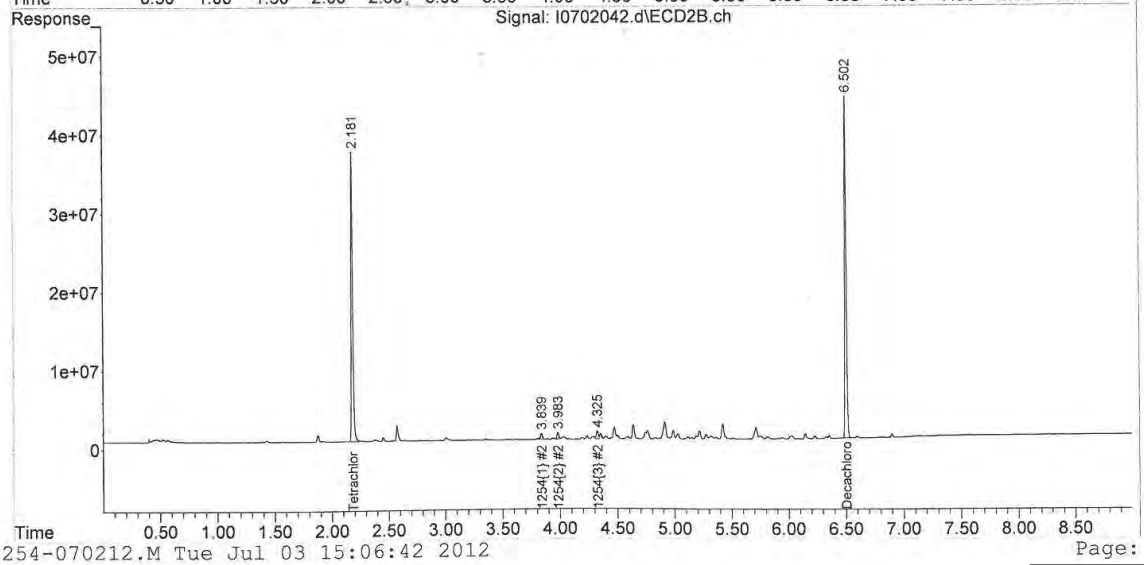
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702042.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 5:00 pm
Operator : JMB
Sample : 12F0988-BB@5X Inst : ECD 9
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 03 15:06:38 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070212.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





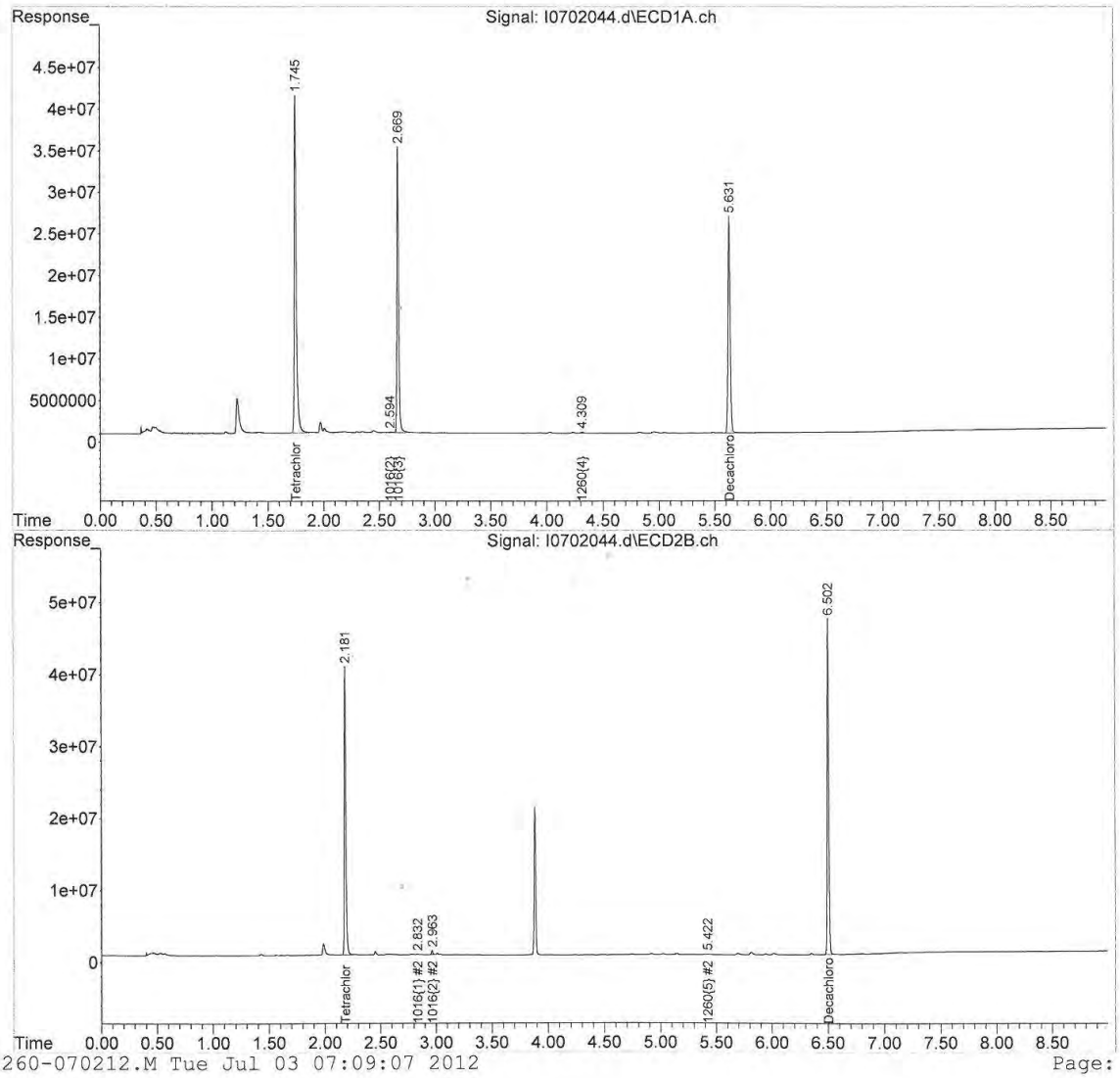
9-1254-070212.M Tue Jul 03 15:06:42 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702044.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 5:25 pm
Operator : JMB
Sample : 12F0988-BD@5X Inst : ECD 9
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:09:07 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

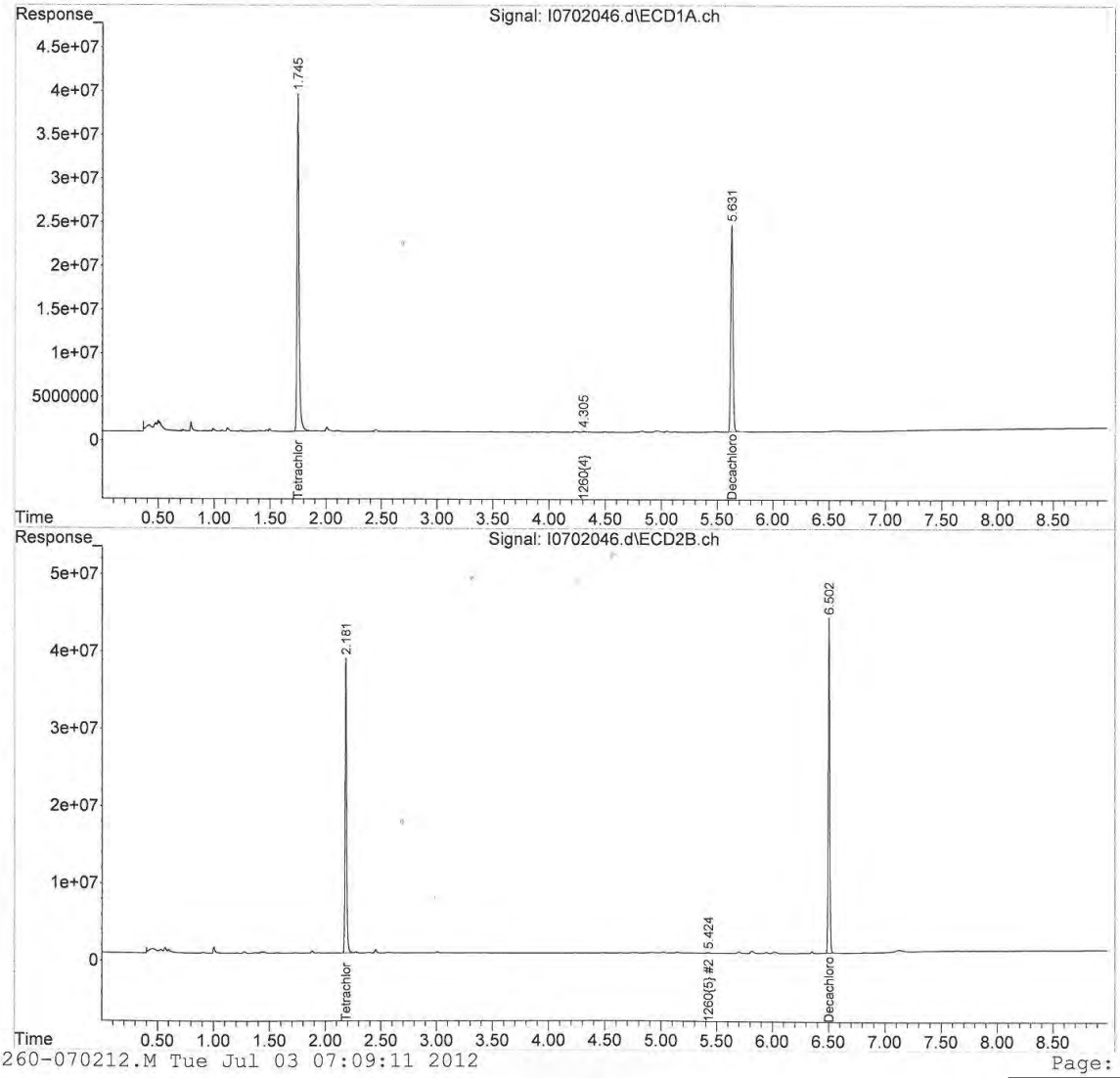


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 5:50 pm
Operator : JMB
Sample : 12F0988-BF@5X Inst : ECD 9
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:09:11 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

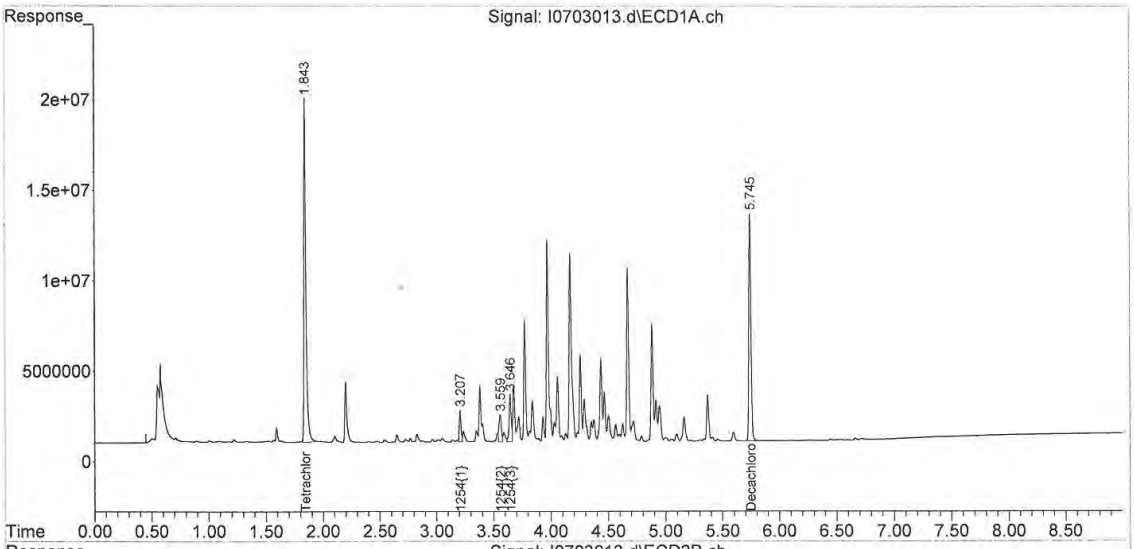


Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\070312\
File : I0703013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 2:20 pm
Operator : JMB
Sample : 12F0988-27@10X Inst : ECD 9
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:41:43 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

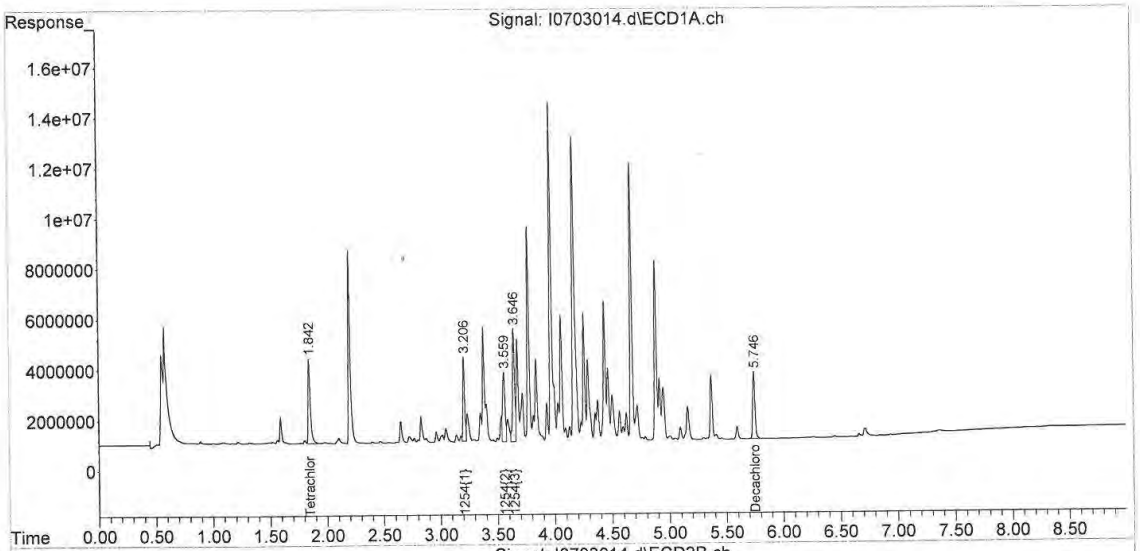


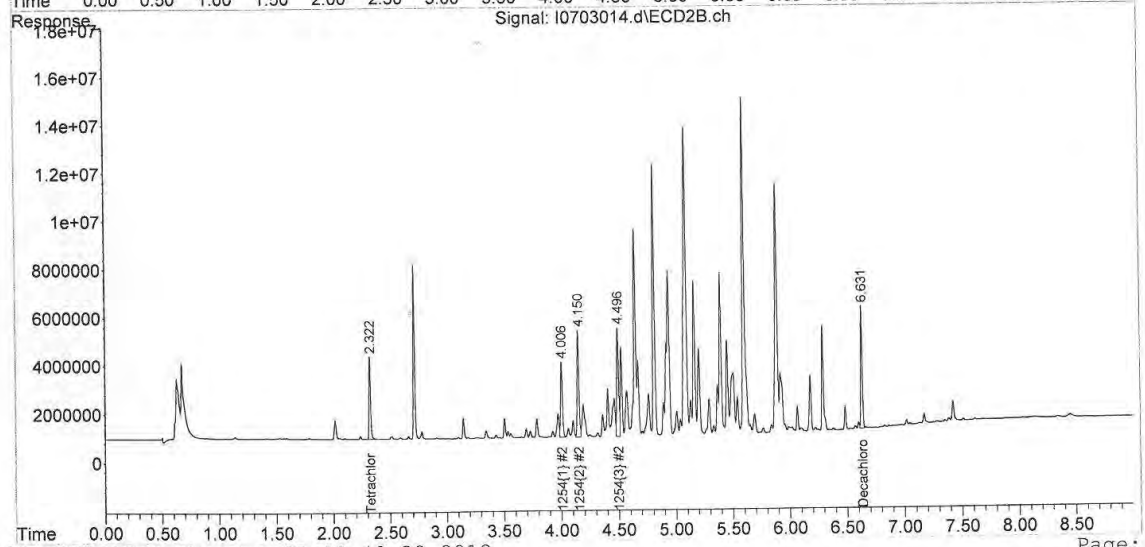
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070312\
Data File : I0703014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 2:33 pm
Operator : JMB
Sample : 12F0988-AY@50X Inst : ECD 9
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:42:28 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



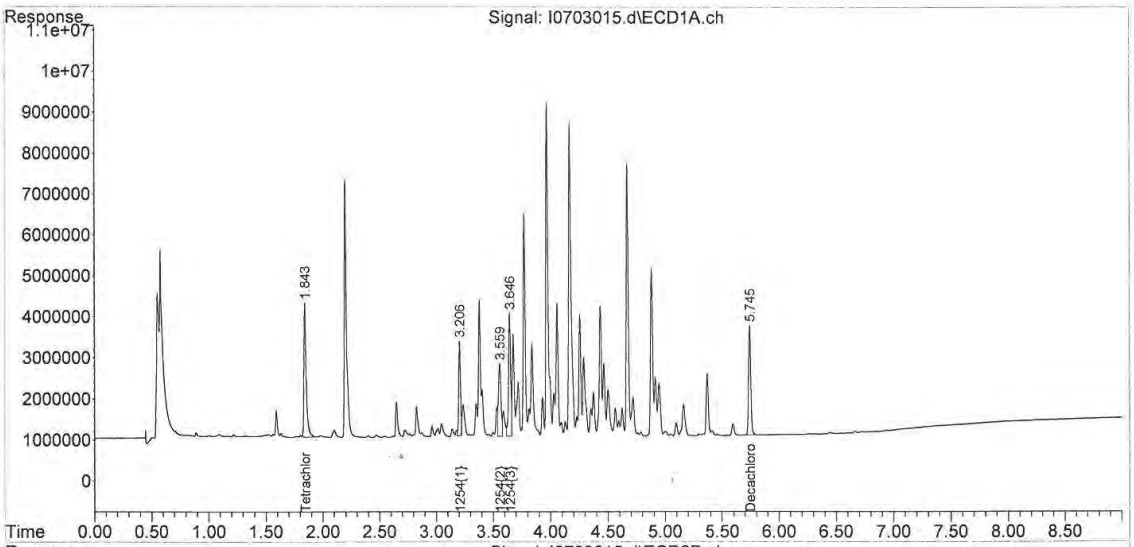


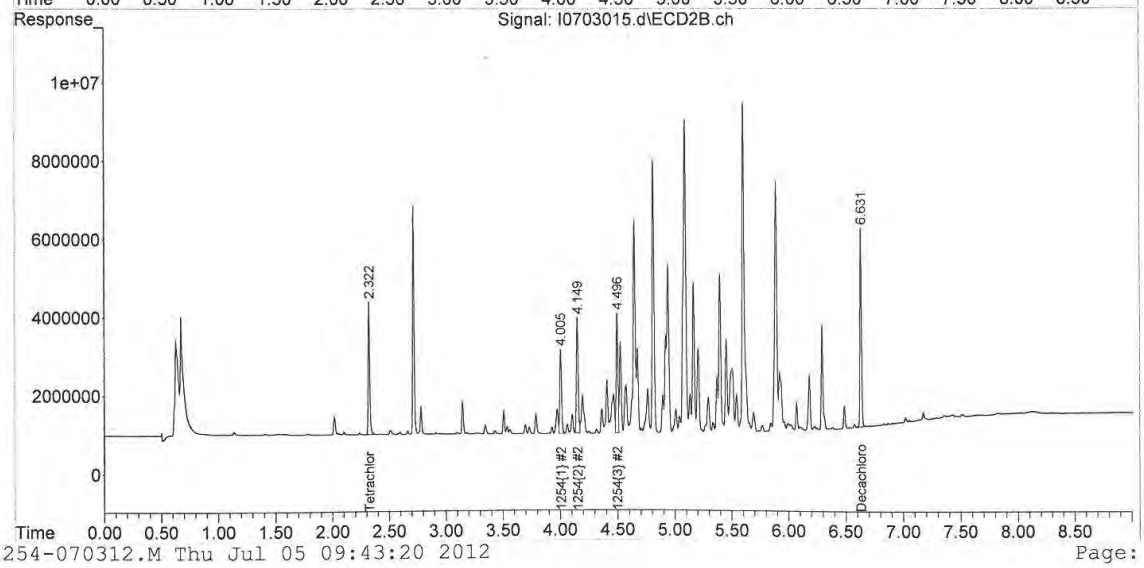
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070312\
Data File : I0703015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 2:45 pm
Operator : JMB
Sample : 12F0988-BA@50X Inst : ECD 9
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:43:16 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



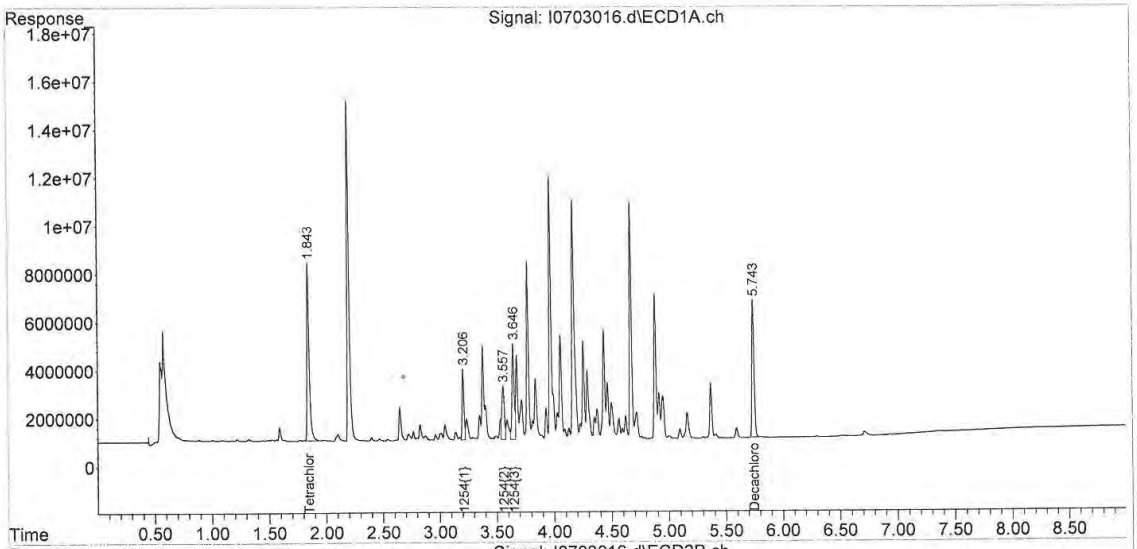


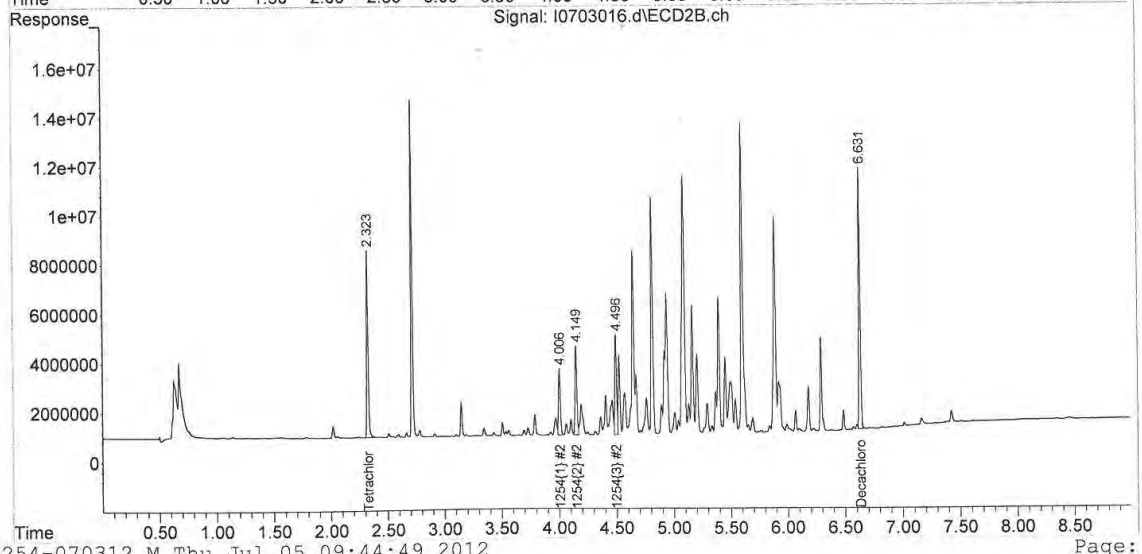
Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\070312\
Data File : I0703016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 2:58 pm
Operator : JMB
Sample : 12F0988-BC@25X Inst : ECD 9
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:44:44 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



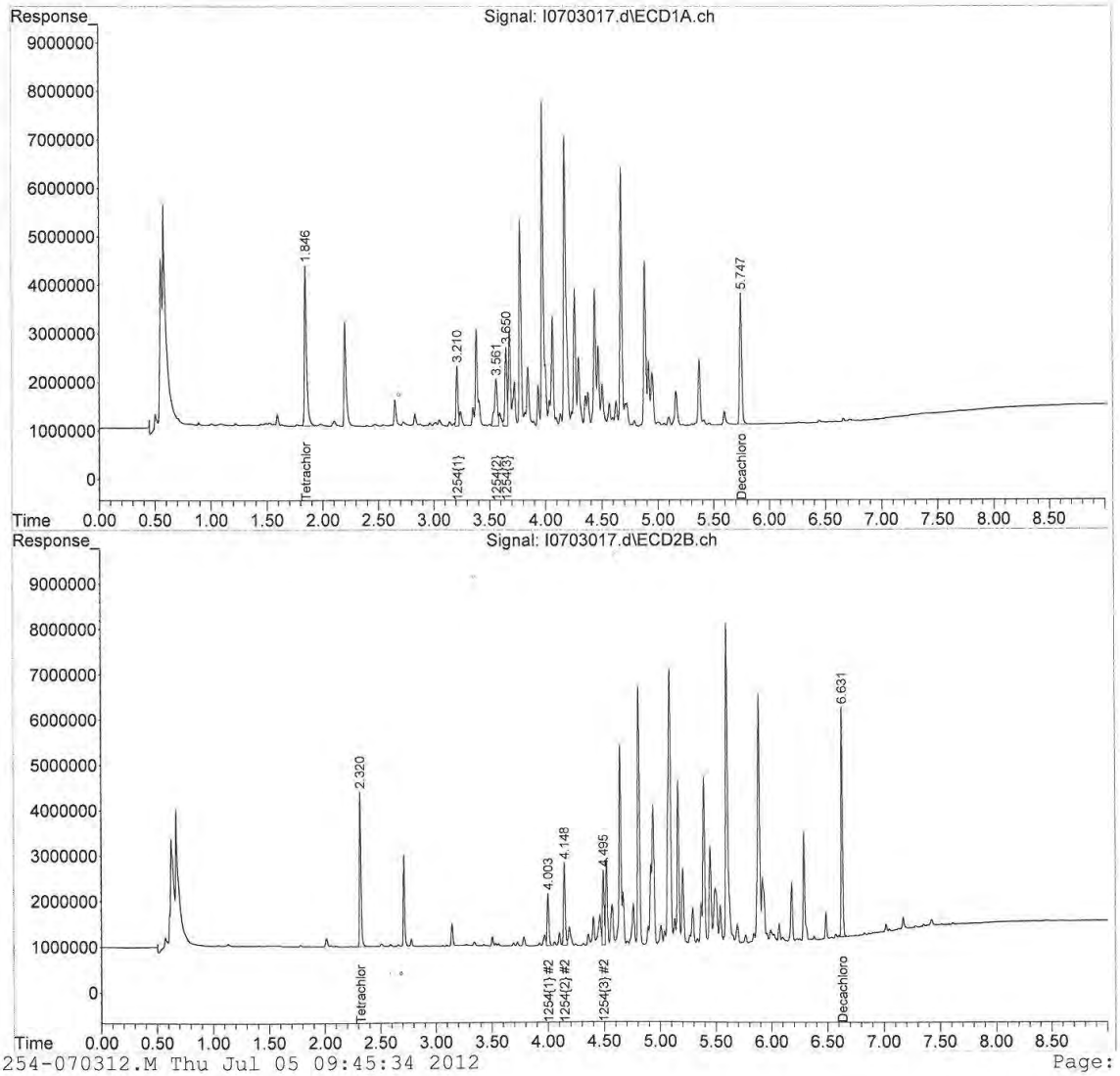


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070312\
Data File : I0703017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 3:13 pm
Operator : JMB
Sample : 12F0988-BE@50X Inst : ECD 9
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:45:30 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 . 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

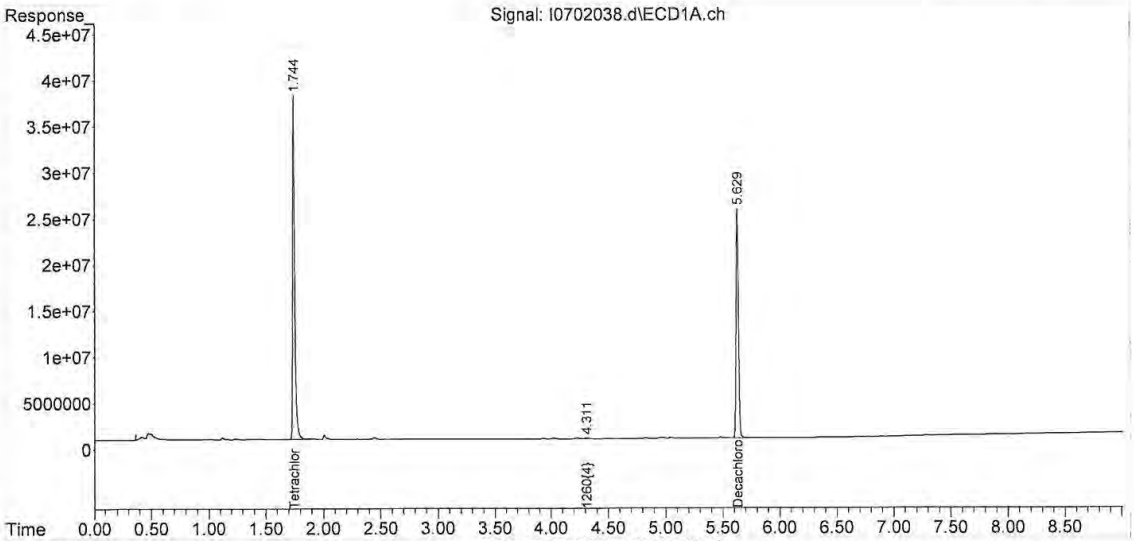


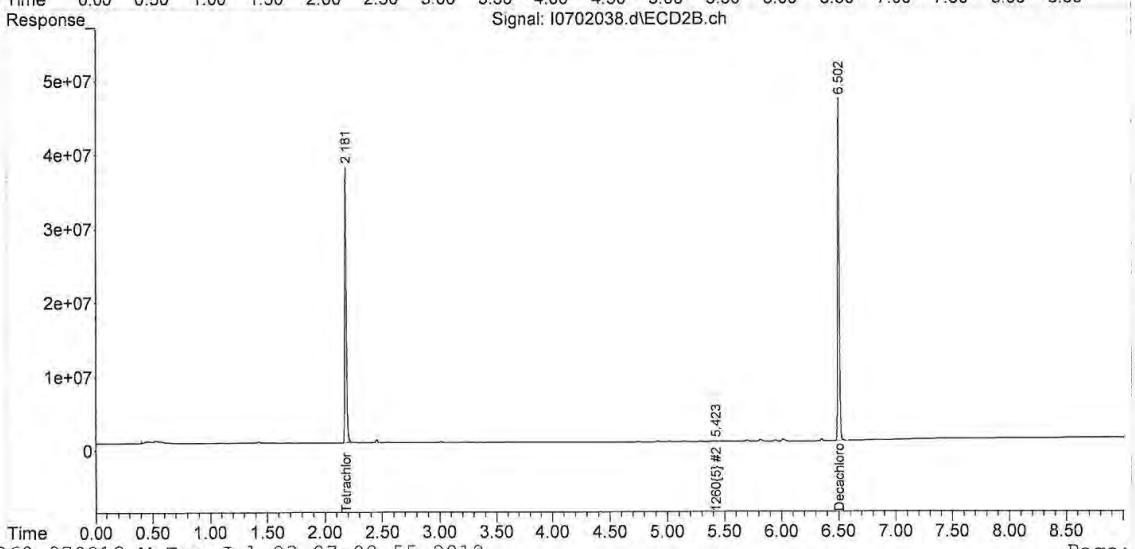
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 4:10 pm
Operator : JMB
Sample : 12F0988-AX@5X Inst : ECD 9
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:08:55 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond-NUSCO

Project Number: 12F0988

Laboratory Sample ID(s):

12F0988-27 thru 12F0988-BF

Sample Date(s):

06/26/2012,
06/28/2012

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Laboratory Director**

Printed Name: **Michael A. Erickson** **Date:** **07/05/12**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 5, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond-NUSCO
Client Job Number:
Project Number: 2110618-A
Laboratory Work Order Number: 12F0940

Enclosed are results of analyses for samples received by the laboratory on June 27, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/5/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618-A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F0940

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond-NUSCO

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-1	12F0940-01	Soil		SM 2540G	
				SW-846 8082A	
C-2	12F0940-02	Soil		SM 2540G	
				SW-846 8082A	
C-3	12F0940-38	Soil		SM 2540G	
				SW-846 8082A	
C-4	12F0940-39	Soil		SM 2540G	
				SW-846 8082A	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]

12F0940-01[C-1], B054249-MS1, B054249-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C]

B054249-MSD1

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]

12F0940-01[C-1], B054249-MS1, B054249-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12F0940-01[C-1]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-1 Sampled: 6/26/2012 00:00

Sample ID: 12F0940-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1254 [2]	1.8	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1260 [2]	4.5	1.2	mg/Kg dry	50	MS-19, R-06	SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	6/28/12	7/3/12 13:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/3/12 13:55
Decachlorobiphenyl [2]	*	30-150	S-01	7/3/12 13:55
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/3/12 13:55
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/3/12 13:55

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-1 Sampled: 6/26/2012 00:00

Sample ID: 12F0940-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.0		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-2 Sampled: 6/26/2012 00:00

Sample ID: 12F0940-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		7/2/12 14:31
Decachlorobiphenyl [2]	101	30-150		7/2/12 14:31
Tetrachloro-m-xylene [1]	90.7	30-150		7/2/12 14:31
Tetrachloro-m-xylene [2]	95.7	30-150		7/2/12 14:31

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-2 Sampled: 6/26/2012 00:00

Sample ID: 12F0940-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-3 Sampled: 6/26/2012 18:00

Sample ID: 12F0940-38

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1254 [2]	0.65	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1260 [2]	1.9	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/28/12	7/3/12 14:08	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	132	30-150		7/3/12 14:08
Decachlorobiphenyl [2]	120	30-150		7/3/12 14:08
Tetrachloro-m-xylene [1]	118	30-150		7/3/12 14:08
Tetrachloro-m-xylene [2]	111	30-150		7/3/12 14:08

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-3 Sampled: 6/26/2012 18:00

Sample ID: 12F0940-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-4 Sampled: 6/26/2012 18:05

Sample ID: 12F0940-39

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/28/12	7/2/12 14:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	108	30-150		7/2/12 14:56
Decachlorobiphenyl [2]	101	30-150		7/2/12 14:56
Tetrachloro-m-xylene [1]	92.5	30-150		7/2/12 14:56
Tetrachloro-m-xylene [2]	98.1	30-150		7/2/12 14:56

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12F0940

Date Received: 6/27/2012

Field Sample #: C-4 Sampled: 6/26/2012 18:05

Sample ID: 12F0940-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	7/2/12	7/3/12 14:56	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12F0940-01 [C-1]	B054383	07/02/12
12F0940-02 [C-2]	B054383	07/02/12
12F0940-38 [C-3]	B054383	07/02/12
12F0940-39 [C-4]	B054383	07/02/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F0940-01 [C-1]	B054249	10.3	10.0	06/28/12
12F0940-02 [C-2]	B054249	10.2	10.0	06/28/12
12F0940-38 [C-3]	B054249	10.2	10.0	06/28/12
12F0940-39 [C-4]	B054249	10.1	10.0	06/28/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054249 - SW-846 3540C										
Blank (B054249-BLK1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
LCS (B054249-BS1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Surrogate: Decachlorobiphenyl	*0.221*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150			
LCS Dup (B054249-BSD1)				Prepared: 06/28/12 Analyzed: 07/02/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140	1.15	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140	1.43	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140	1.53	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	1.35	30	
Surrogate: Decachlorobiphenyl	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		95.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B054249 - SW-846 3540C												
Matrix Spike (B054249-MS1)	**Source: 12F0940-01**			Prepared: 06/28/12 Analyzed: 07/02/12								
Aroclor-1016	0.31	0.12	mg/Kg dry	0.237	0.0	132		40-140				
Aroclor-1016 [2C]	0.31	0.12	mg/Kg dry	0.237	0.0	132		40-140				
Aroclor-1260	3.5	0.12	mg/Kg dry	0.237	4.2	**-298**	*	40-140				MS-19, R-06
Aroclor-1260 [2C]	3.7	0.12	mg/Kg dry	0.237	4.5	**-334**	*	40-140				MS-19, R-06
Surrogate: Decachlorobiphenyl	*0.261*		mg/Kg dry	0.237		110		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.249*		mg/Kg dry	0.237		105		30-150				
Surrogate: Tetrachloro-m-xylene	*0.230*		mg/Kg dry	0.237		97.1		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.243*		mg/Kg dry	0.237		102		30-150				
Matrix Spike Dup (B054249-MSD1)	**Source: 12F0940-01**			Prepared: 06/28/12 Analyzed: 07/02/12								
Aroclor-1016	0.37	0.12	mg/Kg dry	0.237	0.0	**155**	*	40-140	15.7		50	MS-22
Aroclor-1016 [2C]	0.35	0.12	mg/Kg dry	0.237	0.0	**148**	*	40-140	11.3		50	MS-22
Aroclor-1260	7.7	0.12	mg/Kg dry	0.237	4.2	**1490**	*	40-140	**75.7**	*	50	MS-19, R-06
Aroclor-1260 [2C]	8.4	0.12	mg/Kg dry	0.237	4.5	**1620**	*	40-140	**76.4**	*	50	MS-19, R-06
Surrogate: Decachlorobiphenyl	*0.256*		mg/Kg dry	0.237		108		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.241*		mg/Kg dry	0.237		102		30-150				
Surrogate: Tetrachloro-m-xylene	*0.230*		mg/Kg dry	0.237		97.2		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.243*		mg/Kg dry	0.237		102		30-150				

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054383 - % Solids										
Duplicate (B054383-DUP1)	**Source: 12F0940-01**		Prepared: 07/02/12 Analyzed: 07/03/12							
% Solids	83.2		% Wt		82.0			1.45	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

1AF 0740

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 4

Rev 04.05.12

Company Name: Weston & Sampson
Address: 273 Dividend Road Peaks Hill, CT
Attention: Jeff Briggs
Project Location: Berlin Setting Road, MSCO
Sampled By: N. Phillipi

Telephone: 860 513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: dbriggs@westonandsampson.com
Format: ● PDF ● EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: PCBs 8082	ANALYSIS REQUESTED: Soxhlet Extraction 3541c
01	C-1	6-26-12		X		S	U	I	I	A	X	X
02	C-2			X				I	I	A	X	X
03	B1S1 1.0-1.5'				X							
04	B1S2 3.0-3.5'				X							
05	B1S3 5.0-5.5'				X							
06	B1S4 6.5-7.0'				X							
07	B1S5 9.0-9.5'				X							
08	B3S1 0.5-1.0'				X							
09	B3S2 2.5-3.0'				X							
10	B3S3 4.5-5.0'				X							

Comments: Analyze samples C-1, C-2, C-3, C-4 and B1S5 of hold remaining samples pending results of analysis.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-27-12 8:30
Received by: (signature)	Date/Time: 6/27/12 10:00
Relinquished by: (signature)	Date/Time: 6/27/12 11:40
Received by: (signature)	Date/Time: 6-27-12 11:40

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5A
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.5 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
● RCP Form Required
○ MA State DW Form Required PWSID # _____

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WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 55
Page 586 of 4786

12F0940

CHAIN OF CUSTODY RECORD

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East longmeadow, MA 01028

Page 2 of 4

Rev 04.05.12

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settlers Landing, NJSCO
Sampled By: N. Phillipi

Telephone: 860 513 1473
Project #: 2110618-A
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #:
Email: duigouj@wsandw.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
11	B8S1 6.5-7.0'	6/26/12	1346		X	S	U
12	B8S5 8.5-9.0'		1348				
13	B9S1 0.0-0.5'		1123				
14	B9S2 2.0-2.5'		1124				
15	B9S3 4.0-4.5'		1126				
16	B9S4 6.0-6.5'		1128				
17	B9S5 8.0-8.5'		1130				
18	B20S1 0.0-0.5'		1330				
19	B20S2 2.0-2.5'		1332				
20	B20S3 4.0-4.5'	↓	1336				

ANALYSIS REQUESTED

# of Containers	1 1
** Preservation	A A
***Container Code	

PCBs 8082
Soxhlet Extraction 3540C

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments: * See comment page 1 of 4.

Relinquished by: (signature)		Date/Time: 6/27/12 8:50
Received by: (signature)	10:00	Date/Time: 6/27/12
Relinquished by: (signature)	11:40	Date/Time: 6/27/12
Received by: (signature)	11:40 5.2	Date/Time: 6/27/12

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5-7
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.5 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
● RCP Form Required
○ MA State DW Form Required PWSID # _____

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ACCREDITED IN ACCORDANCE WITH THE NELAC STANDARD
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

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12F0940

CHAIN OF CUSTODY RECORD

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 3 of 4

Rev 04.05.12

Company Name: Weston & Sampson
Address: 273 Dividend Road, Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond MSCO
Sampled By: N. Philippi

Telephone: 8605731473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wsenc.com
Format: ● PDF ● EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
21	B3S1 6.5-7.0'	6.26.12	1146		X	S	U
22	B3S5 9.0-9.5'		1148		X		
23	B4S1 1.5-2.0'		1505		X		
24	B4S2 3.5-4.0'		1507		X		
25	B4S3 5.5-6.0'		1509		X		
26	B4S4 7.5-8.0'		1511		X		
27	B4S5 9.5-10'		1514		X		
28	B8S1 0.5-1.0'		1340		X		
29	B8S2 2.5-3.0'		1342		X		
30	B8S3 4.5-5.0'		1344		X	↓	↓

ANALYSIS REQUESTED

# of Containers	I A
** Preservation	I A
***Container Code	

PCBs 8082
Soxhlet Extraction 3540C

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: * See comments page 1 of 4

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	6.27.12 0900
Received by: (signature)	6/27/12 10:00
Relinquished by: (signature)	6/27/12 11:40
Received by: (signature)	6.27.12 11:40 5.2

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5-7
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.5 mg/kg
Other:

Is your project MCP or RCP?
○ MCP Form Required
● RCP Form Required
○ MA State DW Form Required PWSID # _____

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WBE/DBE Certified

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0480

Rev 04.05.12

Page 4 of 4

Company Name: Weston & Sampson
Address: 273 Dividend Road
Peaky Hill, CT
Attention: Jeff Duigan
Project Location: Berlin Settling Pond NRSCO
Sampled By: N. Phillipi

Telephone: 860 513 1493
Project # 2110618-1A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigan@westonandsampson.com
Format: ● PDF ● EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs 8082	Soil Ext Extraction 3546	Dissolved Metals: ○ Field Filtered ○ Lab to Filter
31	B205[illegible] 6.0-6.5'	6.26.12	1336		X	S	U		I	A	X	X	
32	B205 8.0-8.5'		1338										
33	B215 1.5-2.0'		1113										
34	B215 3.5-4.0'		1115										
35	B215 5.5-6.0'		1117										
36	B215 7.0-7.5'		1120										
37	B215 9.5-10'		1122										
38	C-3		1800	X							X	X	
39	C-4		1805	X							X	X	

ANALYSIS REQUESTED

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: * See Comments Page 1 of 4

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 6.27.12 0930
Received by: (signature)	10:00	Date/Time: 6/27/12
Relinquished by: (signature)	11:40	Date/Time: 6/27/12
Received by: (signature) Paula B	5.2 11:40	Date/Time: 6.27.12

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5-7
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.5 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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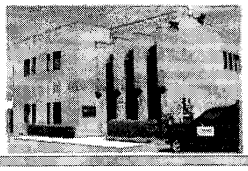


Sample Receipt Checklist

CLIENT NAME: Weston & Sampson **RECEIVED BY:** PB **DATE:** 6.27.12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.2

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	39
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

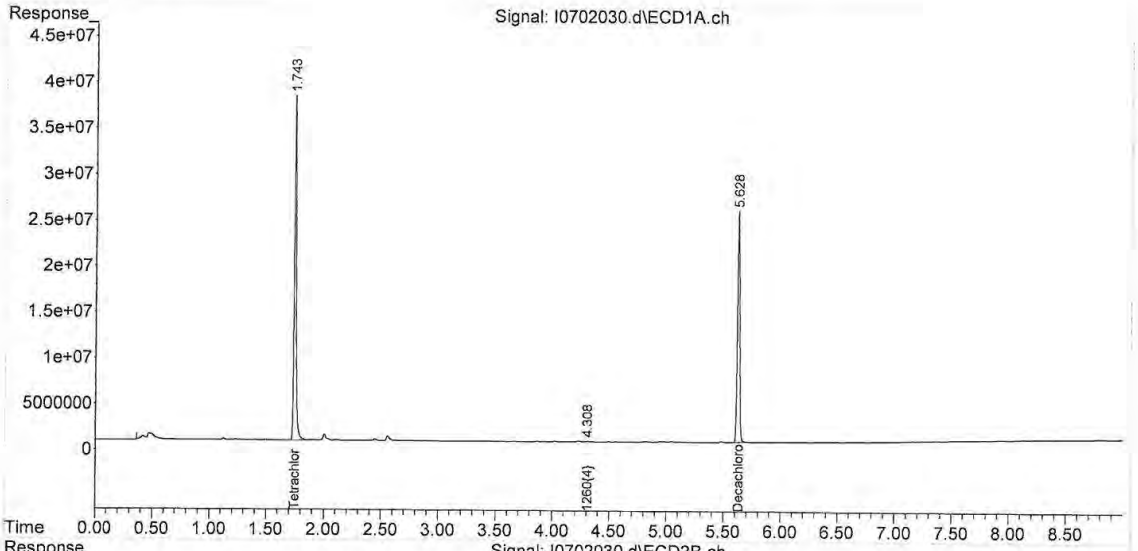
Time and Date Frozen:

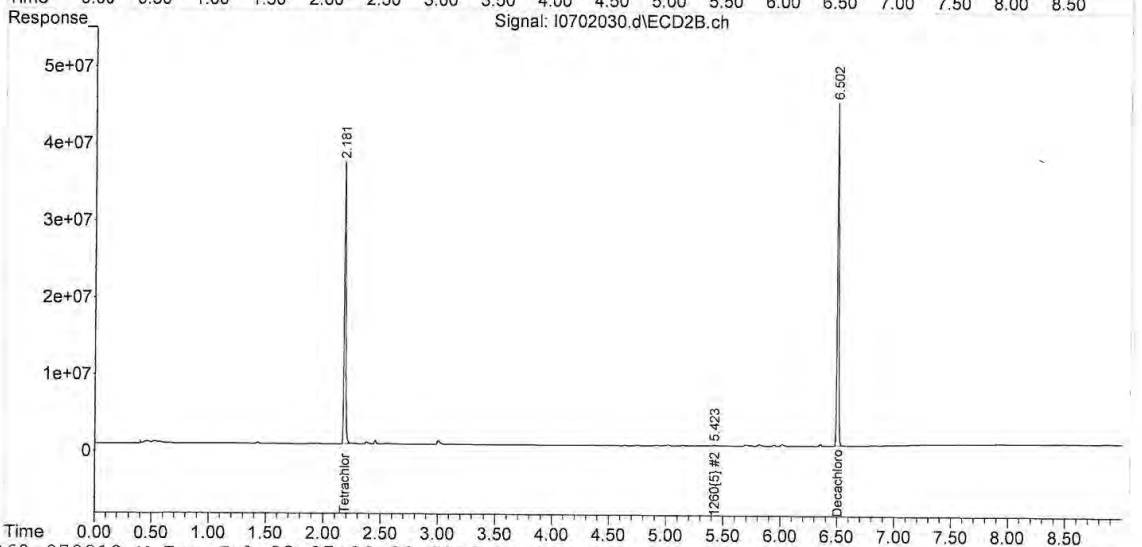
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 2:31 pm
Operator : JMB
Sample : 12F0940-02@5X Inst : ECD 9
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:08:39 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





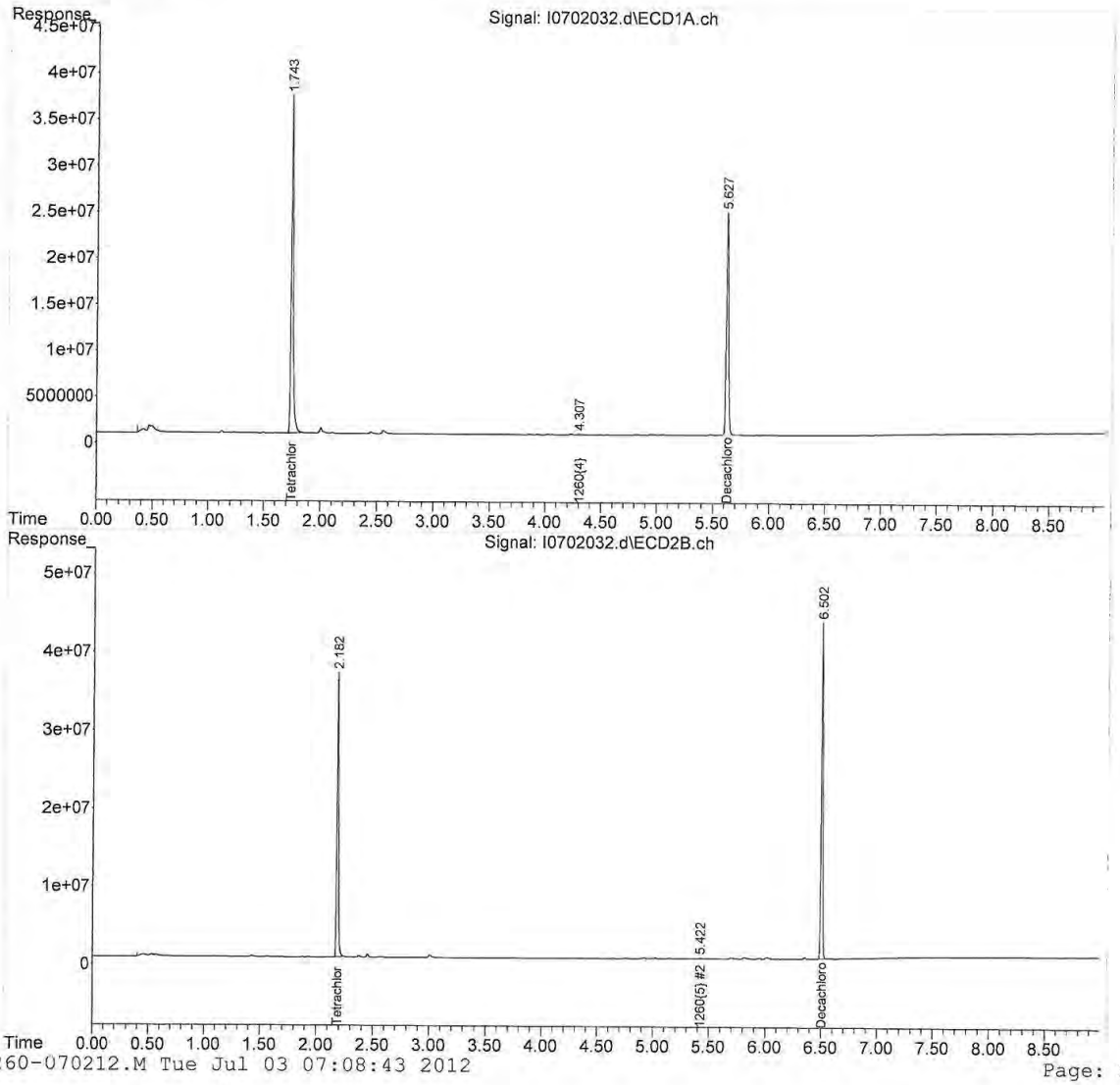
9-1260-070212.M Tue Jul 03 07:08:39 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070212\
Data File : I0702032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Jul 2012 2:56 pm
Operator : JMB
Sample : 12F0940-39@5X Inst : ECD 9
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 03 07:08:43 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-070212.M
Quant Title : 1260/1016 06/26/12 05/10/12
QLast Update : Tue Jun 26 18:19:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

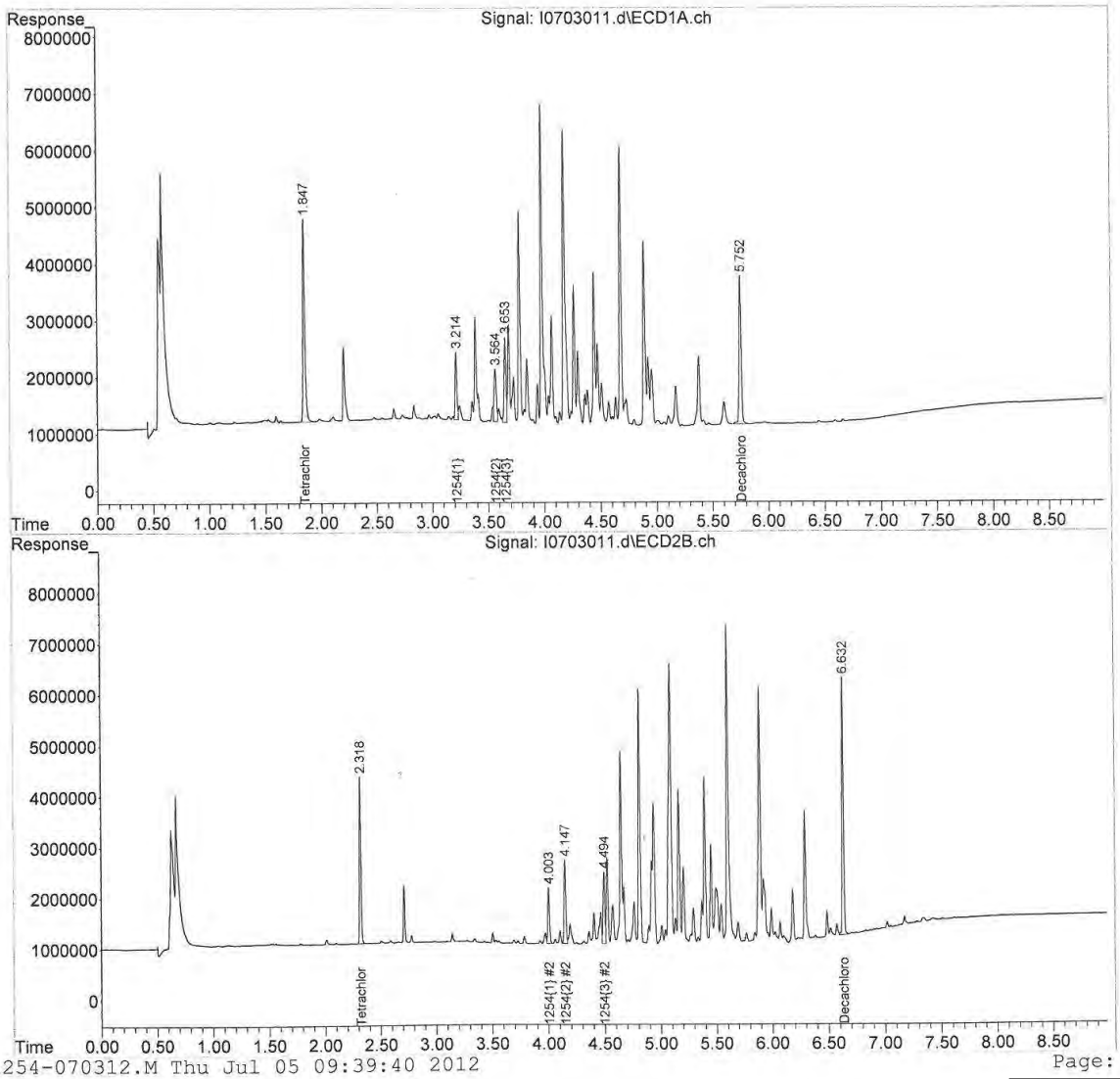


Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\070312\
Data File : I0703011.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 1:55 pm
Operator : JMB
Sample : 12F0940-01@50X Inst : ECD 9
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:39:36 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

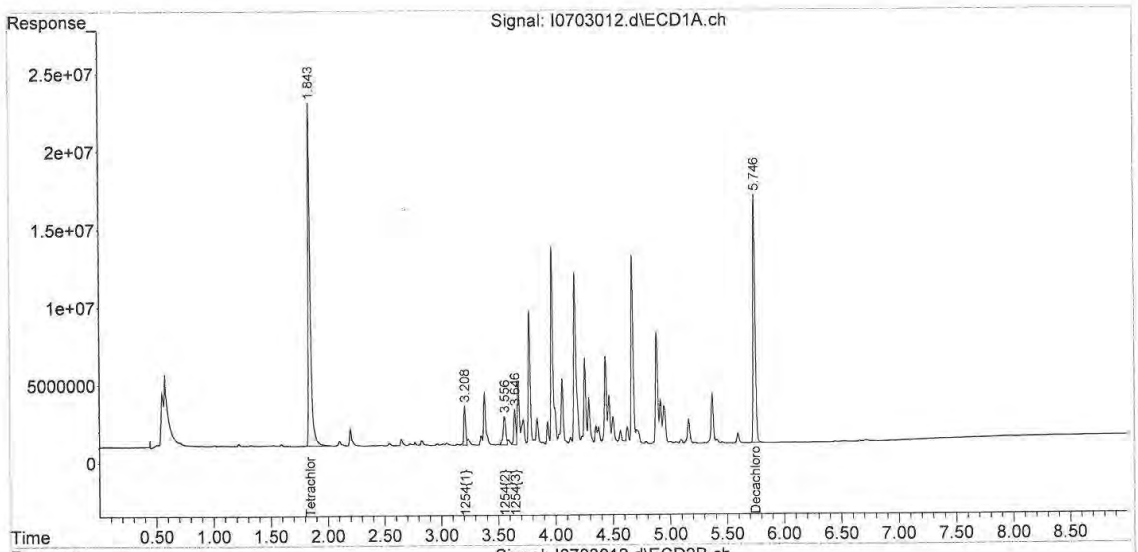


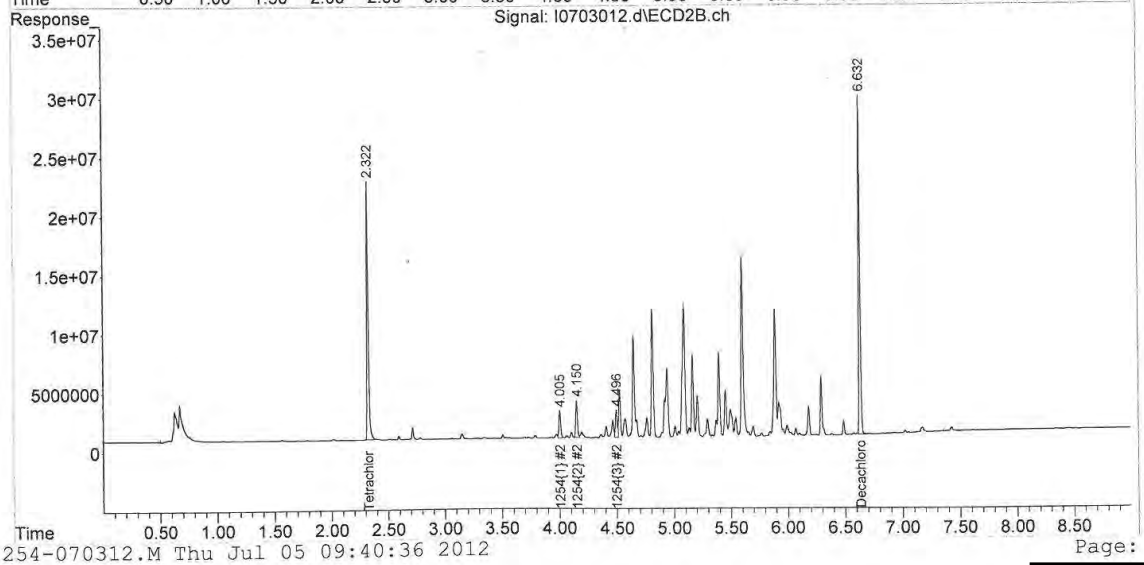
Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\070312\
File : I0703012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Jul 2012 2:08 pm
Operator : JMB
Sample : 12F0940-38@10X Inst : ECD 9
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 05 09:40:32 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Sun Jul 01 05:46:56 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 11, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0043

Enclosed are results of analyses for samples received by the laboratory on July 2, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

REPORT DATE: 7/11/2012

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0043

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-30	12G0043-01	Soil		SM 2540G	
				SW-846 8082A	
C-31	12G0043-02	Soil		SM 2540G	
				SW-846 8082A	
C-32	12G0043-03	Soil		SM 2540G	
				SW-846 8082A	
C-33	12G0043-04	Soil		SM 2540G	
				SW-846 8082A	
C-34	12G0043-05	Soil		SM 2540G	
				SW-846 8082A	
C-35	12G0043-06	Soil		SM 2540G	
				SW-846 8082A	
C-36	12G0043-07	Soil		SM 2540G	
				SW-846 8082A	
C-37	12G0043-08	Soil		SM 2540G	
				SW-846 8082A	
C-38	12G0043-09	Soil		SM 2540G	
				SW-846 8082A	
C-39	12G0043-10	Soil		SM 2540G	
				SW-846 8082A	
C-40	12G0043-11	Soil		SM 2540G	
				SW-846 8082A	
C-41	12G0043-12	Soil		SM 2540G	
				SW-846 8082A	
C-42	12G0043-13	Soil		SM 2540G	
				SW-846 8082A	
C-43	12G0043-14	Soil		SM 2540G	
				SW-846 8082A	
C-44	12G0043-15	Soil		SM 2540G	
				SW-846 8082A	
C-45	12G0043-16	Soil		SM 2540G	
				SW-846 8082A	
C-46	12G0043-17	Soil		SM 2540G	
				SW-846 8082A	
C-47	12G0043-18	Soil		SM 2540G	
				SW-846 8082A	
C-48	12G0043-19	Soil		SM 2540G	
				SW-846 8082A	
C-49	12G0043-20	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/11/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0043

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-50	12G0043-21	Soil		SM 2540G	
				SW-846 8082A	
C-51	12G0043-22	Soil		SM 2540G	
				SW-846 8082A	
C-52	12G0043-23	Soil		SM 2540G	
				SW-846 8082A	
C-53	12G0043-24	Soil		SM 2540G	
				SW-846 8082A	
C-54	12G0043-25	Soil		SM 2540G	
				SW-846 8082A	
C-55	12G0043-26	Soil		SM 2540G	
				SW-846 8082A	
C-56	12G0043-27	Soil		SM 2540G	
				SW-846 8082A	
C-57	12G0043-28	Soil		SM 2540G	
				SW-846 8082A	
C-58	12G0043-29	Soil		SM 2540G	
				SW-846 8082A	
C-59	12G0043-30	Soil		SM 2540G	
				SW-846 8082A	
C-60	12G0043-31	Soil		SM 2540G	
				SW-846 8082A	
C-61	12G0043-32	Soil		SM 2540G	
				SW-846 8082A	
C-62	12G0043-33	Soil		SM 2540G	
				SW-846 8082A	
C-63	12G0043-34	Soil		SM 2540G	
				SW-846 8082A	
C-64	12G0043-35	Soil		SM 2540G	
				SW-846 8082A	
C-65	12G0043-36	Soil		SM 2540G	
				SW-846 8082A	
C-66	12G0043-37	Soil		SM 2540G	
				SW-846 8082A	
C-67	12G0043-38	Soil		SM 2540G	
				SW-846 8082A	
C-68	12G0043-39	Soil		SM 2540G	
				SW-846 8082A	
C-69	12G0043-40	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
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ATTN: Chris Soroka

REPORT DATE: 7/11/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0043

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-70	12G0043-41	Soil		SM 2540G	
				SW-846 8082A	
DUP-4	12G0043-42	Soil		SM 2540G	
				SW-846 8082A	
DUP-5	12G0043-43	Soil		SM 2540G	
				SW-846 8082A	
DUP-6	12G0043-44	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]
B054555-MS1, B054555-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]
12G0043-31[C-60], 12G0043-33[C-62], 12G0043-34[C-63], 12G0043-37[C-66], 12G0043-40[C-69]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-30 | Sampled: 7/2/2012 15:45

Sample ID: 12G0043-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1254 [2]	1.2	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1260 [1]	2.8	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	140	30-150		7/10/12 18:26
Decachlorobiphenyl [2]	122	30-150		7/10/12 18:26
Tetrachloro-m-xylene [1]	104	30-150		7/10/12 18:26
Tetrachloro-m-xylene [2]	113	30-150		7/10/12 18:26

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-30 | Sampled: 7/2/2012 15:45

Sample ID: 12G0043-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-31 | Sampled: 7/2/2012 15:55

Sample ID: 12G0043-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 15:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.7	30-150		7/9/12 15:58
Decachlorobiphenyl [2]	84.9	30-150		7/9/12 15:58
Tetrachloro-m-xylene [1]	82.2	30-150		7/9/12 15:58
Tetrachloro-m-xylene [2]	80.6	30-150		7/9/12 15:58

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-31 | Sampled: 7/2/2012 15:55

Sample ID: 12G0043-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.4		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-32 | Sampled: 7/2/2012 16:05

Sample ID: 12G0043-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.2	30-150		7/9/12 16:11
Decachlorobiphenyl [2]	98.9	30-150		7/9/12 16:11
Tetrachloro-m-xylene [1]	97.9	30-150		7/9/12 16:11
Tetrachloro-m-xylene [2]	95.3	30-150		7/9/12 16:11

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-32 | Sampled: 7/2/2012 16:05

Sample ID: 12G0043-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-33 | Sampled: 7/2/2012 16:08

Sample ID: 12G0043-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1248 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1254 [2]	0.78	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1260 [2]	2.7	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	7/5/12	7/10/12 18:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	143	30-150		7/10/12 18:39
Decachlorobiphenyl [2]	125	30-150		7/10/12 18:39
Tetrachloro-m-xylene [1]	119	30-150		7/10/12 18:39
Tetrachloro-m-xylene [2]	130	30-150		7/10/12 18:39

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-33 | Sampled: 7/2/2012 16:08

Sample ID: 12G0043-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-34 | Sampled: 7/2/2012 16:12

Sample ID: 12G0043-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.9	30-150		7/9/12 16:35
Decachlorobiphenyl [2]	98.9	30-150		7/9/12 16:35
Tetrachloro-m-xylene [1]	99.8	30-150		7/9/12 16:35
Tetrachloro-m-xylene [2]	97.1	30-150		7/9/12 16:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-34 | Sampled: 7/2/2012 16:12

Sample ID: 12G0043-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-35 | Sampled: 7/2/2012 16:13

Sample ID: 12G0043-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 16:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	102	30-150		7/9/12 16:48	
Decachlorobiphenyl [2]	102	30-150		7/9/12 16:48	
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 16:48	
Tetrachloro-m-xylene [2]	97.2	30-150		7/9/12 16:48	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-35 | Sampled: 7/2/2012 16:13

Sample ID: 12G0043-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-36 | Sampled: 7/2/2012 16:16

Sample ID: 12G0043-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1254 [2]	0.42	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1260 [2]	1.3	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 17:00
Decachlorobiphenyl [2]	105	30-150		7/9/12 17:00
Tetrachloro-m-xylene [1]	109	30-150		7/9/12 17:00
Tetrachloro-m-xylene [2]	106	30-150		7/9/12 17:00

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-36 | Sampled: 7/2/2012 16:16

Sample ID: 12G0043-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-37 | Sampled: 7/2/2012 16:20

Sample ID: 12G0043-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 17:12
Decachlorobiphenyl [2]	102	30-150		7/9/12 17:12
Tetrachloro-m-xylene [1]	101	30-150		7/9/12 17:12
Tetrachloro-m-xylene [2]	98.1	30-150		7/9/12 17:12

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-37 | Sampled: 7/2/2012 16:20

Sample ID: 12G0043-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-38 | Sampled: 7/2/2012 16:24

Sample ID: 12G0043-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 17:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	122	30-150		7/9/12 17:25
Decachlorobiphenyl [2]	122	30-150		7/9/12 17:25
Tetrachloro-m-xylene [1]	123	30-150		7/9/12 17:25
Tetrachloro-m-xylene [2]	119	30-150		7/9/12 17:25

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-38 | Sampled: 7/2/2012 16:24

Sample ID: 12G0043-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-39 | Sampled: 7/2/2012 16:42

Sample ID: 12G0043-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1254 [2]	0.40	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1260 [2]	1.4	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	102	30-150		7/9/12 18:02	
Decachlorobiphenyl [2]	105	30-150		7/9/12 18:02	
Tetrachloro-m-xylene [1]	104	30-150		7/9/12 18:02	
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 18:02	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-39 | Sampled: 7/2/2012 16:42

Sample ID: 12G0043-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-40 | Sampled: 7/2/2012 16:39

Sample ID: 12G0043-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 18:14
Decachlorobiphenyl [2]	102	30-150		7/9/12 18:14
Tetrachloro-m-xylene [1]	97.8	30-150		7/9/12 18:14
Tetrachloro-m-xylene [2]	95.4	30-150		7/9/12 18:14

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-40 | Sampled: 7/2/2012 16:39

Sample ID: 12G0043-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-41 | Sampled: 7/2/2012 16:44

Sample ID: 12G0043-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 18:27
Decachlorobiphenyl [2]	102	30-150		7/9/12 18:27
Tetrachloro-m-xylene [1]	105	30-150		7/9/12 18:27
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 18:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-41 | Sampled: 7/2/2012 16:44

Sample ID: 12G0043-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-42 | Sampled: 7/2/2012 16:44

Sample ID: 12G0043-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1254 [2]	0.39	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1260 [2]	1.2	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.8	30-150		7/9/12 18:39
Decachlorobiphenyl [2]	102	30-150		7/9/12 18:39
Tetrachloro-m-xylene [1]	99.2	30-150		7/9/12 18:39
Tetrachloro-m-xylene [2]	96.2	30-150		7/9/12 18:39

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-42 | Sampled: 7/2/2012 16:44

Sample ID: 12G0043-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-43 | Sampled: 7/2/2012 16:49

Sample ID: 12G0043-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1254 [1]	0.17	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1260 [2]	0.50	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 18:51	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.7	30-150		7/9/12 18:51
Decachlorobiphenyl [2]	96.7	30-150		7/9/12 18:51
Tetrachloro-m-xylene [1]	107	30-150		7/9/12 18:51
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 18:51

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-43 | Sampled: 7/2/2012 16:49

Sample ID: 12G0043-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.9		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-44 | Sampled: 7/2/2012 16:54

Sample ID: 12G0043-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 19:04
Decachlorobiphenyl [2]	91.2	30-150		7/9/12 19:04
Tetrachloro-m-xylene [1]	102	30-150		7/9/12 19:04
Tetrachloro-m-xylene [2]	98.6	30-150		7/9/12 19:04

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-44 | Sampled: 7/2/2012 16:54

Sample ID: 12G0043-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-45 | Sampled: 7/2/2012 17:00

Sample ID: 12G0043-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1254 [1]	0.51	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1260 [2]	1.4	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		7/9/12 19:16
Decachlorobiphenyl [2]	98.9	30-150		7/9/12 19:16
Tetrachloro-m-xylene [1]	117	30-150		7/9/12 19:16
Tetrachloro-m-xylene [2]	112	30-150		7/9/12 19:16

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-45 | Sampled: 7/2/2012 17:00

Sample ID: 12G0043-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-46 | Sampled: 7/2/2012 17:01

Sample ID: 12G0043-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1254 [1]	0.29	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1260 [1]	0.62	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/10/12 18:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	130	30-150		7/10/12 18:52	
Decachlorobiphenyl [2]	108	30-150		7/10/12 18:52	
Tetrachloro-m-xylene [1]	102	30-150		7/10/12 18:52	
Tetrachloro-m-xylene [2]	107	30-150		7/10/12 18:52	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-46 | Sampled: 7/2/2012 17:01

Sample ID: 12G0043-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-47 | Sampled: 7/2/2012 17:07

Sample ID: 12G0043-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.9	30-150		7/9/12 19:41
Decachlorobiphenyl [2]	87.7	30-150		7/9/12 19:41
Tetrachloro-m-xylene [1]	103	30-150		7/9/12 19:41
Tetrachloro-m-xylene [2]	98.6	30-150		7/9/12 19:41

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-47 | Sampled: 7/2/2012 17:07

Sample ID: 12G0043-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-48 | Sampled: 7/2/2012 17:03

Sample ID: 12G0043-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1254 [2]	0.35	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1260 [2]	0.93	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 19:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.8	30-150		7/9/12 19:53
Decachlorobiphenyl [2]	88.8	30-150		7/9/12 19:53
Tetrachloro-m-xylene [1]	98.9	30-150		7/9/12 19:53
Tetrachloro-m-xylene [2]	94.9	30-150		7/9/12 19:53

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-48 | Sampled: 7/2/2012 17:03

Sample ID: 12G0043-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-49 | Sampled: 7/2/2012 17:06

Sample ID: 12G0043-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1260 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 20:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.6	30-150		7/9/12 20:06
Decachlorobiphenyl [2]	94.7	30-150		7/9/12 20:06
Tetrachloro-m-xylene [1]	104	30-150		7/9/12 20:06
Tetrachloro-m-xylene [2]	99.0	30-150		7/9/12 20:06

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-49 | Sampled: 7/2/2012 17:06

Sample ID: 12G0043-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-50 | Sampled: 7/2/2012 17:07

Sample ID: 12G0043-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.5	30-150		7/9/12 21:44
Decachlorobiphenyl [2]	93.4	30-150		7/9/12 21:44
Tetrachloro-m-xylene [1]	92.6	30-150		7/9/12 21:44
Tetrachloro-m-xylene [2]	88.9	30-150		7/9/12 21:44

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-50 | Sampled: 7/2/2012 17:07

Sample ID: 12G0043-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-51 | Sampled: 7/2/2012 16:49

Sample ID: 12G0043-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1254 [2]	0.24	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1260 [2]	0.89	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.5	30-150		7/9/12 21:57
Decachlorobiphenyl [2]	91.6	30-150		7/9/12 21:57
Tetrachloro-m-xylene [1]	96.3	30-150		7/9/12 21:57
Tetrachloro-m-xylene [2]	92.1	30-150		7/9/12 21:57

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-51 | Sampled: 7/2/2012 16:49

Sample ID: 12G0043-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-52 | Sampled: 7/2/2012 16:52

Sample ID: 12G0043-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:09	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.8	30-150		7/9/12 22:09
Decachlorobiphenyl [2]	96.5	30-150		7/9/12 22:09
Tetrachloro-m-xylene [1]	98.8	30-150		7/9/12 22:09
Tetrachloro-m-xylene [2]	94.8	30-150		7/9/12 22:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-52 | Sampled: 7/2/2012 16:52

Sample ID: 12G0043-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-53 | Sampled: 7/2/2012 16:55

Sample ID: 12G0043-24

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		7/9/12 22:21
Decachlorobiphenyl [2]	104	30-150		7/9/12 22:21
Tetrachloro-m-xylene [1]	103	30-150		7/9/12 22:21
Tetrachloro-m-xylene [2]	98.1	30-150		7/9/12 22:21

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-53 | Sampled: 7/2/2012 16:55

Sample ID: 12G0043-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-54 | Sampled: 7/2/2012 16:35

Sample ID: 12G0043-25

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 22:34
Decachlorobiphenyl [2]	99.5	30-150		7/9/12 22:34
Tetrachloro-m-xylene [1]	101	30-150		7/9/12 22:34
Tetrachloro-m-xylene [2]	97.2	30-150		7/9/12 22:34

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-54 | Sampled: 7/2/2012 16:35

Sample ID: 12G0043-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-55 | Sampled: 7/2/2012 16:41

Sample ID: 12G0043-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.0	30-150		7/9/12 22:46
Decachlorobiphenyl [2]	99.0	30-150		7/9/12 22:46
Tetrachloro-m-xylene [1]	98.5	30-150		7/9/12 22:46
Tetrachloro-m-xylene [2]	94.4	30-150		7/9/12 22:46

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-55 | Sampled: 7/2/2012 16:41

Sample ID: 12G0043-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-56 | Sampled: 7/2/2012 16:45

Sample ID: 12G0043-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	106	30-150		7/9/12 22:59	
Decachlorobiphenyl [2]	103	30-150		7/9/12 22:59	
Tetrachloro-m-xylene [1]	102	30-150		7/9/12 22:59	
Tetrachloro-m-xylene [2]	97.9	30-150		7/9/12 22:59	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-56 | Sampled: 7/2/2012 16:45

Sample ID: 12G0043-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-57 | Sampled: 7/2/2012 16:27

Sample ID: 12G0043-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1254 [2]	0.47	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1260 [2]	1.3	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.7	30-150		7/9/12 23:11
Decachlorobiphenyl [2]	97.9	30-150		7/9/12 23:11
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 23:11
Tetrachloro-m-xylene [2]	96.9	30-150		7/9/12 23:11

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-57 | Sampled: 7/2/2012 16:27

Sample ID: 12G0043-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-58 | Sampled: 7/2/2012 16:32

Sample ID: 12G0043-29

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1260 [2]	0.18	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.0	30-150		7/9/12 23:23
Decachlorobiphenyl [2]	93.4	30-150		7/9/12 23:23
Tetrachloro-m-xylene [1]	89.0	30-150		7/9/12 23:23
Tetrachloro-m-xylene [2]	86.6	30-150		7/9/12 23:23

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-58 | Sampled: 7/2/2012 16:32

Sample ID: 12G0043-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-59 | Sampled: 7/2/2012 16:32

Sample ID: 12G0043-30

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	104	30-150		7/10/12 0:00	
Decachlorobiphenyl [2]	101	30-150		7/10/12 0:00	
Tetrachloro-m-xylene [1]	97.2	30-150		7/10/12 0:00	
Tetrachloro-m-xylene [2]	98.3	30-150		7/10/12 0:00	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-59 | Sampled: 7/2/2012 16:32

Sample ID: 12G0043-30

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-60 | Sampled: 7/2/2012 17:16

Sample ID: 12G0043-31

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1221 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1232 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1242 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1248 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1254 [2]	17	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1260 [2]	43	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1262 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB
Aroclor-1268 [1]	ND	5.8	mg/Kg dry	250		SW-846 8082A	7/6/12	7/10/12 20:09	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 20:09
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 20:09
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 20:09
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 20:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-60 | Sampled: 7/2/2012 17:16

Sample ID: 12G0043-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-61 | Sampled: 7/2/2012 17:10

Sample ID: 12G0043-32

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1260 [2]	0.15	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 20:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		7/10/12 20:22
Decachlorobiphenyl [2]	98.6	30-150		7/10/12 20:22
Tetrachloro-m-xylene [1]	99.6	30-150		7/10/12 20:22
Tetrachloro-m-xylene [2]	105	30-150		7/10/12 20:22

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-61 | Sampled: 7/2/2012 17:10

Sample ID: 12G0043-32

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-62 | Sampled: 7/2/2012 17:24

Sample ID: 12G0043-33

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1254 [2]	15	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1260 [2]	15	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 20:35
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 20:35
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 20:35
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 20:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-62 | Sampled: 7/2/2012 17:24

Sample ID: 12G0043-33

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-63 | Sampled: 7/2/2012 17:29

Sample ID: 12G0043-34

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1254 [2]	15	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1260 [2]	19	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 20:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 20:48
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 20:48
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 20:48
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 20:48

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-63 | Sampled: 7/2/2012 17:29

Sample ID: 12G0043-34

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-64 | Sampled: 7/2/2012 17:33

Sample ID: 12G0043-35

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	99.9	30-150		7/10/12 1:02	
Decachlorobiphenyl [2]	98.1	30-150		7/10/12 1:02	
Tetrachloro-m-xylene [1]	97.1	30-150		7/10/12 1:02	
Tetrachloro-m-xylene [2]	94.8	30-150		7/10/12 1:02	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-64 | Sampled: 7/2/2012 17:33

Sample ID: 12G0043-35

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-65 | Sampled: 7/2/2012 17:37

Sample ID: 12G0043-36

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	100	30-150		7/10/12 1:14	
Decachlorobiphenyl [2]	98.1	30-150		7/10/12 1:14	
Tetrachloro-m-xylene [1]	99.2	30-150		7/10/12 1:14	
Tetrachloro-m-xylene [2]	97.4	30-150		7/10/12 1:14	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-65 | Sampled: 7/2/2012 17:37

Sample ID: 12G0043-36

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-66 | Sampled: 7/2/2012 17:40

Sample ID: 12G0043-37

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1254 [2]	2.3	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1260 [2]	5.2	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/6/12	7/10/12 21:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 21:01
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 21:01
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 21:01
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 21:01

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-66 | Sampled: 7/2/2012 17:40

Sample ID: 12G0043-37

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-67 | Sampled: 7/2/2012 17:43

Sample ID: 12G0043-38

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1260 [2]	0.15	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	99.4	30-150		7/10/12 1:39	
Decachlorobiphenyl [2]	95.1	30-150		7/10/12 1:39	
Tetrachloro-m-xylene [1]	97.8	30-150		7/10/12 1:39	
Tetrachloro-m-xylene [2]	95.0	30-150		7/10/12 1:39	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-67 | Sampled: 7/2/2012 17:43

Sample ID: 12G0043-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-68 | Sampled: 7/2/2012 17:46

Sample ID: 12G0043-39

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1260 [1]	0.13	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 21:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	142	30-150		7/10/12 21:14
Decachlorobiphenyl [2]	118	30-150		7/10/12 21:14
Tetrachloro-m-xylene [1]	117	30-150		7/10/12 21:14
Tetrachloro-m-xylene [2]	123	30-150		7/10/12 21:14

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-68 | Sampled: 7/2/2012 17:46

Sample ID: 12G0043-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.5		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-69 | Sampled: 7/2/2012 17:50

Sample ID: 12G0043-40

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1254 [2]	5.6	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1260 [1]	14	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/6/12	7/10/12 21:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 21:27
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 21:27
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 21:27
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 21:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-69 | Sampled: 7/2/2012 17:50

Sample ID: 12G0043-40

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-70 | Sampled: 7/2/2012 17:53

Sample ID: 12G0043-41

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.4	30-150		7/9/12 18:27
Decachlorobiphenyl [2]	107	30-150		7/9/12 18:27
Tetrachloro-m-xylene [1]	111	30-150		7/9/12 18:27
Tetrachloro-m-xylene [2]	104	30-150		7/9/12 18:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: C-70 | Sampled: 7/2/2012 17:53

Sample ID: 12G0043-41

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-4 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-42

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1254 [2]	0.83	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1260 [2]	2.4	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 12:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	108	30-150		7/10/12 12:56	
Decachlorobiphenyl [2]	125	30-150		7/10/12 12:56	
Tetrachloro-m-xylene [1]	117	30-150		7/10/12 12:56	
Tetrachloro-m-xylene [2]	112	30-150		7/10/12 12:56	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-4 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-42

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-5 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-43

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.6	30-150		7/9/12 18:53
Decachlorobiphenyl [2]	114	30-150		7/9/12 18:53
Tetrachloro-m-xylene [1]	108	30-150		7/9/12 18:53
Tetrachloro-m-xylene [2]	102	30-150		7/9/12 18:53

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-5 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-43

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-6 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-44

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1260 [2]	0.16	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 13:09	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	93.9	30-150			7/10/12 13:09
Decachlorobiphenyl [2]	121	30-150			7/10/12 13:09
Tetrachloro-m-xylene [1]	114	30-150			7/10/12 13:09
Tetrachloro-m-xylene [2]	112	30-150			7/10/12 13:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0043

Date Received: 7/2/2012

Field Sample #: DUP-6 | Sampled: 7/2/2012 00:00

Sample ID: 12G0043-44

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.6		% Wt	1		SM 2540G	7/9/12	7/10/12 11:17	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0043-01 [C-30]	B054693	07/09/12
12G0043-02 [C-31]	B054693	07/09/12
12G0043-03 [C-32]	B054693	07/09/12
12G0043-04 [C-33]	B054693	07/09/12
12G0043-05 [C-34]	B054693	07/09/12
12G0043-06 [C-35]	B054693	07/09/12
12G0043-07 [C-36]	B054693	07/09/12
12G0043-08 [C-37]	B054693	07/09/12
12G0043-09 [C-38]	B054693	07/09/12
12G0043-10 [C-39]	B054693	07/09/12
12G0043-11 [C-40]	B054693	07/09/12
12G0043-12 [C-41]	B054693	07/09/12
12G0043-13 [C-42]	B054693	07/09/12
12G0043-14 [C-43]	B054693	07/09/12
12G0043-15 [C-44]	B054693	07/09/12
12G0043-16 [C-45]	B054693	07/09/12
12G0043-17 [C-46]	B054693	07/09/12
12G0043-18 [C-47]	B054693	07/09/12
12G0043-19 [C-48]	B054693	07/09/12
12G0043-20 [C-49]	B054693	07/09/12
12G0043-21 [C-50]	B054693	07/09/12
12G0043-22 [C-51]	B054693	07/09/12
12G0043-23 [C-52]	B054693	07/09/12
12G0043-24 [C-53]	B054693	07/09/12
12G0043-25 [C-54]	B054693	07/09/12
12G0043-26 [C-55]	B054693	07/09/12
12G0043-27 [C-56]	B054693	07/09/12
12G0043-28 [C-57]	B054693	07/09/12
12G0043-29 [C-58]	B054693	07/09/12
12G0043-30 [C-59]	B054693	07/09/12
12G0043-31 [C-60]	B054693	07/09/12
12G0043-32 [C-61]	B054693	07/09/12
12G0043-33 [C-62]	B054693	07/09/12
12G0043-34 [C-63]	B054693	07/09/12
12G0043-35 [C-64]	B054693	07/09/12
12G0043-36 [C-65]	B054693	07/09/12
12G0043-37 [C-66]	B054693	07/09/12
12G0043-38 [C-67]	B054693	07/09/12
12G0043-39 [C-68]	B054693	07/09/12
12G0043-40 [C-69]	B054693	07/09/12
12G0043-41 [C-70]	B054693	07/09/12
12G0043-42 [DUP-4]	B054693	07/09/12
12G0043-43 [DUP-5]	B054693	07/09/12
12G0043-44 [DUP-6]	B054693	07/09/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0043-01 [C-30]	B054555	10.0	10.0	07/05/12
12G0043-02 [C-31]	B054555	10.1	10.0	07/05/12
12G0043-03 [C-32]	B054555	10.2	10.0	07/05/12
12G0043-04 [C-33]	B054555	10.1	10.0	07/05/12
12G0043-05 [C-34]	B054555	10.1	10.0	07/05/12
12G0043-06 [C-35]	B054555	10.3	10.0	07/05/12

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0043-07 [C-36]	B054555	10.3	10.0	07/05/12
12G0043-08 [C-37]	B054555	10.2	10.0	07/05/12
12G0043-09 [C-38]	B054555	10.2	10.0	07/05/12
12G0043-10 [C-39]	B054555	10.0	10.0	07/05/12
12G0043-11 [C-40]	B054555	10.2	10.0	07/05/12
12G0043-12 [C-41]	B054555	10.2	10.0	07/05/12
12G0043-13 [C-42]	B054555	10.1	10.0	07/05/12
12G0043-14 [C-43]	B054555	10.0	10.0	07/05/12
12G0043-15 [C-44]	B054555	10.2	10.0	07/05/12
12G0043-16 [C-45]	B054555	10.0	10.0	07/05/12
12G0043-17 [C-46]	B054555	10.1	10.0	07/05/12
12G0043-18 [C-47]	B054555	10.2	10.0	07/05/12
12G0043-19 [C-48]	B054555	10.2	10.0	07/05/12
12G0043-20 [C-49]	B054555	10.1	10.0	07/05/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0043-21 [C-50]	B054617	10.0	10.0	07/06/12
12G0043-22 [C-51]	B054617	10.1	10.0	07/06/12
12G0043-23 [C-52]	B054617	10.2	10.0	07/06/12
12G0043-24 [C-53]	B054617	10.0	10.0	07/06/12
12G0043-25 [C-54]	B054617	10.3	10.0	07/06/12
12G0043-26 [C-55]	B054617	10.1	10.0	07/06/12
12G0043-27 [C-56]	B054617	10.2	10.0	07/06/12
12G0043-28 [C-57]	B054617	10.2	10.0	07/06/12
12G0043-29 [C-58]	B054617	10.0	10.0	07/06/12
12G0043-30 [C-59]	B054617	10.0	10.0	07/06/12
12G0043-31 [C-60]	B054617	10.3	10.0	07/06/12
12G0043-32 [C-61]	B054617	10.0	10.0	07/06/12
12G0043-33 [C-62]	B054617	10.0	10.0	07/06/12
12G0043-34 [C-63]	B054617	10.0	10.0	07/06/12
12G0043-35 [C-64]	B054617	10.3	10.0	07/06/12
12G0043-36 [C-65]	B054617	10.1	10.0	07/06/12
12G0043-37 [C-66]	B054617	10.1	10.0	07/06/12
12G0043-38 [C-67]	B054617	10.0	10.0	07/06/12
12G0043-39 [C-68]	B054617	10.1	10.0	07/06/12
12G0043-40 [C-69]	B054617	10.2	10.0	07/06/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0043-41 [C-70]	B054618	10.1	10.0	07/06/12
12G0043-42 [DUP-4]	B054618	10.0	10.0	07/06/12
12G0043-43 [DUP-5]	B054618	10.1	10.0	07/06/12
12G0043-44 [DUP-6]	B054618	10.3	10.0	07/06/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054555 - SW-846 3540C										
Blank (B054555-BLK1)				Prepared: 07/05/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg wet	0.200		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg wet	0.200		99.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.7	30-150			
LCS (B054555-BS1)				Prepared: 07/05/12 Analyzed: 07/09/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		97.7	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		87.9	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		93.4	40-140			
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		90.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.177*		mg/Kg wet	0.200		88.6	30-150			
LCS Dup (B054555-BSD1)				Prepared: 07/05/12 Analyzed: 07/09/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140	0.978	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		96.7	40-140	0.947	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		86.5	40-140	1.62	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		92.9	40-140	0.486	30	
Surrogate: Decachlorobiphenyl	*0.180*		mg/Kg wet	0.200		89.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		92.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.3	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B054555 - SW-846 3540C											
Matrix Spike (B054555-MS1)	**Source: 12G0043-01**			Prepared: 07/05/12 Analyzed: 07/09/12							
Aroclor-1016	0.31	0.12	mg/Kg dry	0.236	0.0	129		40-140			
Aroclor-1016 [2C]	0.34	0.12	mg/Kg dry	0.236	0.0	**143**	*	40-140			MS-21
Aroclor-1260	2.8	0.12	mg/Kg dry	0.236	2.8	**-38.8**	*	40-140			MS-21
Aroclor-1260 [2C]	2.9	0.12	mg/Kg dry	0.236	2.8	**33.4**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.197*		mg/Kg dry	0.236		83.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg dry	0.236		83.5		30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg dry	0.236		91.5		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg dry	0.236		88.0		30-150			
Matrix Spike Dup (B054555-MSD1)	**Source: 12G0043-01**			Prepared: 07/05/12 Analyzed: 07/09/12							
Aroclor-1016	0.25	0.12	mg/Kg dry	0.236	0.0	107		40-140	19.0	50	
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.236	0.0	118		40-140	18.6	50	
Aroclor-1260	1.8	0.12	mg/Kg dry	0.236	2.8	**-444**	*	40-140	42.1	50	MS-21
Aroclor-1260 [2C]	1.9	0.12	mg/Kg dry	0.236	2.8	**-398**	*	40-140	42.4	50	MS-21
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg dry	0.236		75.6		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg dry	0.236		76.1		30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg dry	0.236		83.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.188*		mg/Kg dry	0.236		79.7		30-150			
Batch B054617 - SW-846 3540C											
Blank (B054617-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12							
Aroclor-1016	ND	0.10	mg/Kg wet								
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1221	ND	0.10	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1232	ND	0.10	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1242	ND	0.10	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1248	ND	0.10	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1254	ND	0.10	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1260	ND	0.10	mg/Kg wet								
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1262	ND	0.10	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1268	ND	0.10	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.208*		mg/Kg wet	0.200		104		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg wet	0.200		98.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg wet	0.200		101		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.195*		mg/Kg wet	0.200		97.3		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054617 - SW-846 3540C										
LCS (B054617-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		98.1	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Surrogate: Decachlorobiphenyl	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		99.8	30-150			
LCS Dup (B054617-BSD1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.27	0.10	mg/Kg wet	0.200		133	40-140	23.3	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140	19.4	30	
Aroclor-1260	0.24	0.10	mg/Kg wet	0.200		118	40-140	18.4	30	
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		121	40-140	16.7	30	
Surrogate: Decachlorobiphenyl	*0.249*		mg/Kg wet	0.200		124	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.239*		mg/Kg wet	0.200		119	30-150			
Surrogate: Tetrachloro-m-xylene	*0.244*		mg/Kg wet	0.200		122	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.234*		mg/Kg wet	0.200		117	30-150			
Matrix Spike (B054617-MS1)		**Source: 12G0043-21**		Prepared: 07/06/12 Analyzed: 07/10/12						
Aroclor-1016	0.26	0.12	mg/Kg dry	0.230	0.0	112	40-140			
Aroclor-1016 [2C]	0.24	0.12	mg/Kg dry	0.230	0.0	105	40-140			
Aroclor-1260	0.23	0.12	mg/Kg dry	0.230	0.0	102	40-140			
Aroclor-1260 [2C]	0.24	0.12	mg/Kg dry	0.230	0.0	104	40-140			
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg dry	0.230		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.235*		mg/Kg dry	0.230		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.251*		mg/Kg dry	0.230		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg dry	0.230		104	30-150			
Matrix Spike Dup (B054617-MSD1)		**Source: 12G0043-21**		Prepared: 07/06/12 Analyzed: 07/10/12						
Aroclor-1016	0.27	0.12	mg/Kg dry	0.230	0.0	119	40-140	5.81	50	
Aroclor-1016 [2C]	0.25	0.12	mg/Kg dry	0.230	0.0	109	40-140	4.53	50	
Aroclor-1260	0.25	0.12	mg/Kg dry	0.230	0.0	107	40-140	4.86	50	
Aroclor-1260 [2C]	0.25	0.12	mg/Kg dry	0.230	0.0	109	40-140	4.08	50	
Surrogate: Decachlorobiphenyl	*0.260*		mg/Kg dry	0.230		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.251*		mg/Kg dry	0.230		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.259*		mg/Kg dry	0.230		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.247*		mg/Kg dry	0.230		107	30-150			
Batch B054618 - SW-846 3540C										
Blank (B054618-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054618 - SW-846 3540C										
Blank (B054618-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.237*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg wet	0.200		105	30-150			
LCS (B054618-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		131	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140			
Surrogate: Decachlorobiphenyl	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.252*		mg/Kg wet	0.200		126	30-150			
Surrogate: Tetrachloro-m-xylene	*0.232*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS Dup (B054618-BSD1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		129	40-140	1.34	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140	0.987	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140	1.40	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140	0.872	30	
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.251*		mg/Kg wet	0.200		126	30-150			
Surrogate: Tetrachloro-m-xylene	*0.231*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
Matrix Spike (B054618-MS1)		**Source: 12G0043-41**		Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.29	0.12	mg/Kg dry	0.232	0.0	126	40-140			
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.232	0.0	119	40-140			
Aroclor-1260	0.25	0.12	mg/Kg dry	0.232	0.0	108	40-140			
Aroclor-1260 [2C]	0.29	0.12	mg/Kg dry	0.232	0.0	126	40-140			
Surrogate: Decachlorobiphenyl	*0.243*		mg/Kg dry	0.232		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.284*		mg/Kg dry	0.232		123	30-150			
Surrogate: Tetrachloro-m-xylene	*0.263*		mg/Kg dry	0.232		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.253*		mg/Kg dry	0.232		109	30-150			
Matrix Spike Dup (B054618-MSD1)		**Source: 12G0043-41**		Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.27	0.12	mg/Kg dry	0.232	0.0	118	40-140	6.54	50	
Aroclor-1016 [2C]	0.26	0.12	mg/Kg dry	0.232	0.0	113	40-140	5.09	50	
Aroclor-1260	0.24	0.12	mg/Kg dry	0.232	0.0	102	40-140	6.49	50	
Aroclor-1260 [2C]	0.27	0.12	mg/Kg dry	0.232	0.0	117	40-140	7.38	50	
Surrogate: Decachlorobiphenyl	*0.230*		mg/Kg dry	0.232		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.269*		mg/Kg dry	0.232		116	30-150			
Surrogate: Tetrachloro-m-xylene	*0.256*		mg/Kg dry	0.232		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.246*		mg/Kg dry	0.232		106	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054693 - % Solids										
Duplicate (B054693-DUP1)	**Source: 12G0043-01**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	80.5		% Wt		84.6			4.97	20	
Duplicate (B054693-DUP2)	**Source: 12G0043-28**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	87.3		% Wt		87.1			0.229	20	
Duplicate (B054693-DUP3)	**Source: 12G0043-15**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	88.7		% Wt		87.0			1.94	20	
Duplicate (B054693-DUP4)	**Source: 12G0043-44**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	85.2		% Wt		83.6			1.90	20	
Duplicate (B054693-DUP5)	**Source: 12G0043-32**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	89.4		% Wt		87.5			2.15	20	
Duplicate (B054693-DUP7)	**Source: 12G0043-21**			Prepared: 07/09/12 Analyzed: 07/10/12						
% Solids	88.4		% Wt		86.9			1.71	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 5

12G0043

Company Name: Weston and Sampson (for NUSCO)
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Telephone: 860 513-1473
Project # 860 513-1483
Client PO# 02261127

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 082)	Soxhlet Extraction (Method 3540C)
-01	C-30	7/2/12	1545	X		S	U	X	X
-02	C-31	"	1555	"		"	"	"	"
-03	C-32	"	1605	"		"	"	"	"
-04	C-33	"	1608	"		"	"	"	"
-05	C-34	"	1612	"		"	"	"	"
-06	C-35	"	1613	"		"	"	"	"
-07	C-36	"	1616	"		"	"	"	"
-08	C-37	"	1620	"		"	"	"	"
-09	C-38	"	1624	"		"	"	"	"
-10	C-39	↓	1642	↓		↓	↓	↓	↓

ANALYSIS REQUESTED

| | | |

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○ yes _____ proposal date

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Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs (Methods 082)	Soxhlet Extraction (Method 3540C)
-11	C-40	7/2/12	1639	X		S	U	1	I	A	X	X
-12	C-41	↓	1644	↓		↓	↓	↓	↓	↓	↓	↓
-13	C-42	↓	1644	↓		↓	↓	↓	↓	↓	↓	↓
-14	C-43	↓	1649	↓		↓	↓	↓	↓	↓	↓	↓
-15	C-44	↓	1654	↓		↓	↓	↓	↓	↓	↓	↓
-16	C-45	↓	1700	↓		↓	↓	↓	↓	↓	↓	↓
-17	C-46	↓	1701	↓		↓	↓	↓	↓	↓	↓	↓
-18	C-47	↓	1707	↓		↓	↓	↓	↓	↓	↓	↓
-19	C-48	↓	1703	↓		↓	↓	↓	↓	↓	↓	↓
-20	C-49	↓	1706	↓		↓	↓	↓	↓	↓	↓	↓

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/2/12 1345
Received by: (signature) 5.0°	Date/Time: 7/2/12 1845
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
_____
Connecticut: 0.25 mg/kg
_____
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

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AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

Page 3 of 5

12G0043

Company Name: Weston and Sampson (for NUSCO)
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Telephone: 860 513-1473
Project # 860 513-1483
Client PO# 02261127

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-21	C-50	7/2/12	1707	X		S	U	X	X	1	I	A
-22	C-51	↓	1649	↓		↓	↓	↓	↓	↓	↓	↓
-23	C-52	↓	1652	↓		↓	↓	↓	↓	↓	↓	↓
-24	C-53	↓	1655	↓		↓	↓	↓	↓	↓	↓	↓
-25	C-54	↓	1635	↓		↓	↓	↓	↓	↓	↓	↓
-26	C-55	↓	1641	↓		↓	↓	↓	↓	↓	↓	↓
-27	C-56	↓	1645	↓		↓	↓	↓	↓	↓	↓	↓
-28	C-57	↓	1627	↓		↓	↓	↓	↓	↓	↓	↓
-29	C-58	↓	1632	↓		↓	↓	↓	↓	↓	↓	↓
-30	C-59	↓	1632	↓		↓	↓	↓	↓	↓	↓	↓

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	7/2/12 1845
Received by: (signature) 5.0°	Date/Time: 7/2/12 1846
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

Page 4 of 5

12G0043

Company Name: Weston and Sampson (for NUSCO)
Telephone: 860 513-1473
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Project # 860 513-1483
Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCBs (Methods 082)	Soxhlet Extraction (Method 3540C)
-31	C-60	7/2/12	1716	X		S	U	1	I	A	X	X
-32	C-61	"	1710	"		"	"	"	"	"	"	"
-33	C-62	"	1724	"		"	"	"	"	"	"	"
-34	C-63	"	1729	"		"	"	"	"	"	"	"
-35	C-64	"	1733	"		"	"	"	"	"	"	"
-36	C-65	"	1737	"		"	"	"	"	"	"	"
-37	C-66	"	1740	"		"	"	"	"	"	"	"
-38	C-67	"	1743	"		"	"	"	"	"	"	"
-39	C-68	"	1746	"		"	"	"	"	"	"	"
-40	C-69	✓	1750	↓		↓	↓	↓	↓	↓	↓	↓

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
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Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/2/12 1845	
Received by: (signature) 5.0°	Date/Time: 7/3/12 0800	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
_____
Connecticut: 0.25 mg/kg
_____
_____
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 5 of 5

12G0043

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
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Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

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Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-41	C-70	7/2/12	1753	X		S	U	X	X	1	I	A
-42	DUP-4	↓	--	↓		↓	↓	↓	↓			
-43	DUP-5		--									
-44	DUP-6	↓	--	↓		↓	↓	↓	↓			

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

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G=glass
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ST=sterile
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O = Other_____

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A = air
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Comments:
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Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
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Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

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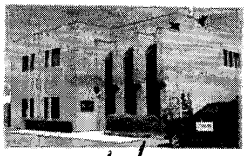

Sample Receipt Checklist

CLIENT NAME: Northeast RECEIVED BY: CFC DATE: 7/2/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.0°

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	4
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 12G0043

Laboratory Sample ID(s):
12G0043-01 thru 12G0043-44

Sample Date(s):
07/02/2012

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: Michael A. Erickson **Date:** 07/11/12

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 12, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond (Berlin, CT)
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0085

Enclosed are results of analyses for samples received by the laboratory on July 3, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/12/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0085

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond (Berlin, CT)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B22-1 0.0-0.5	12G0085-01	Soil		SM 2540G	
				SW-846 8082A	
B22.2 2.0-2.5	12G0085-02	Soil		SM 2540G	
				SW-846 8082A	
B22-3 4.0-4.5	12G0085-03	Soil		SM 2540G	
				SW-846 8082A	
B22-4 6.0-6.5	12G0085-04	Soil		SM 2540G	
				SW-846 8082A	
B22-5 8.0-8.5	12G0085-05	Soil		SM 2540G	
				SW-846 8082A	
B23-1 0.0-0.5	12G0085-06	Soil		SM 2540G	
				SW-846 8082A	
B23-2 2.0-2.5	12G0085-07	Soil		SM 2540G	
				SW-846 8082A	
B23-3 4.0-4.5	12G0085-08	Soil		SM 2540G	
				SW-846 8082A	
B23-4 6.0-6.5	12G0085-09	Soil		SM 2540G	
				SW-846 8082A	
B23-5 8.0-8.5	12G0085-10	Soil		SM 2540G	
				SW-846 8082A	
B24-1 0.0-0.5	12G0085-11	Soil		SM 2540G	
				SW-846 8082A	
B24-2 2.0-2.5	12G0085-12	Soil		SM 2540G	
				SW-846 8082A	
B24-3 4.0-4.5	12G0085-13	Soil		SM 2540G	
				SW-846 8082A	
B24-4 6.0-6.5	12G0085-14	Soil		SM 2540G	
				SW-846 8082A	
B24-5 8.0-8.5	12G0085-15	Soil		SM 2540G	
				SW-846 8082A	
B25-1 0.0-0.5	12G0085-16	Soil		SM 2540G	
				SW-846 8082A	
B25-2 2.0-2.5	12G0085-17	Soil		SM 2540G	
				SW-846 8082A	
B25-3 4.0-4.5	12G0085-18	Soil		SM 2540G	
				SW-846 8082A	
B25-4 6.0-6.5	12G0085-19	Soil		SM 2540G	
				SW-846 8082A	
B25-5 8.0-8.5	12G0085-20	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/12/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0085

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond (Berlin, CT)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B26-1 0.0-0.5	12G0085-21	Soil		SM 2540G	
				SW-846 8082A	
B26-2 2.0-2.5	12G0085-22	Soil		SM 2540G	
				SW-846 8082A	
B26-3 4.0-4.5	12G0085-23	Soil		SM 2540G	
				SW-846 8082A	
B26-4 6.0-6.5	12G0085-24	Soil		SM 2540G	
				SW-846 8082A	
B26-5 8.0-8.5	12G0085-25	Soil		SM 2540G	
				SW-846 8082A	
B27-4 6.0-6.5	12G0085-26	Soil		SM 2540G	
				SW-846 8082A	
B27-5 8.0-8.5	12G0085-27	Soil		SM 2540G	
				SW-846 8082A	
B34-1 0.0-0.5	12G0085-28	Soil		SM 2540G	
				SW-846 8082A	
B34-2 2.0-2.5	12G0085-29	Soil		SM 2540G	
				SW-846 8082A	
B34-3 4.0-4.5	12G0085-30	Soil		SM 2540G	
				SW-846 8082A	
B34-4 6.0-6.5	12G0085-31	Soil		SM 2540G	
				SW-846 8082A	
B34-5 8.0-8.5	12G0085-32	Soil		SM 2540G	
				SW-846 8082A	
B35-1 0.0-0.5	12G0085-33	Soil		SM 2540G	
				SW-846 8082A	
B35-2 2.0-2.5	12G0085-34	Soil		SM 2540G	
				SW-846 8082A	
B35-3 4.0-4.5	12G0085-35	Soil		SM 2540G	
				SW-846 8082A	
B35-4 6.0-6.5	12G0085-36	Soil		SM 2540G	
				SW-846 8082A	
B35-5 8.0-8.5	12G0085-37	Soil		SM 2540G	
				SW-846 8082A	
B36-1 0.0-0.5	12G0085-38	Soil		SM 2540G	
				SW-846 8082A	
B36-2 2.0-2.5	12G0085-39	Soil		SM 2540G	
				SW-846 8082A	
B36-3 4.0-4.5	12G0085-40	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]

B054625-MS1, B054625-MSD1

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C]

B054625-MS1, B054625-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12G0085-30[B34-3 4.0-4.5]

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl [2C]

12G0085-40[B36-3 4.0-4.5], B054625-MS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-1 0.0-0.5 Sampled: 7/2/2012 12:02

Sample ID: 12G0085-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1254 [1]	0.18	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1260 [2]	0.76	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 18:06
Decachlorobiphenyl [2]	94.3	30-150		7/9/12 18:06
Tetrachloro-m-xylene [1]	106	30-150		7/9/12 18:06
Tetrachloro-m-xylene [2]	111	30-150		7/9/12 18:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-1 0.0-0.5 Sampled: 7/2/2012 12:02

Sample ID: 12G0085-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22.2 2.0-2.5 Sampled: 7/2/2012 12:04

Sample ID: 12G0085-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1260 [2]	0.42	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.4	30-150		7/9/12 18:19
Decachlorobiphenyl [2]	87.7	30-150		7/9/12 18:19
Tetrachloro-m-xylene [1]	98.4	30-150		7/9/12 18:19
Tetrachloro-m-xylene [2]	103	30-150		7/9/12 18:19

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22.2 2.0-2.5 Sampled: 7/2/2012 12:04

Sample ID: 12G0085-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.8		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-3 4.0-4.5 Sampled: 7/2/2012 12:06

Sample ID: 12G0085-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.4	30-150		7/9/12 18:32
Decachlorobiphenyl [2]	78.1	30-150		7/9/12 18:32
Tetrachloro-m-xylene [1]	95.3	30-150		7/9/12 18:32
Tetrachloro-m-xylene [2]	99.9	30-150		7/9/12 18:32

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-3 4.0-4.5 Sampled: 7/2/2012 12:06

Sample ID: 12G0085-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-4 6.0-6.5 Sampled: 7/2/2012 12:08

Sample ID: 12G0085-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.2	30-150		7/9/12 18:44
Decachlorobiphenyl [2]	76.8	30-150		7/9/12 18:44
Tetrachloro-m-xylene [1]	98.1	30-150		7/9/12 18:44
Tetrachloro-m-xylene [2]	103	30-150		7/9/12 18:44

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-4 6.0-6.5 Sampled: 7/2/2012 12:08

Sample ID: 12G0085-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-5 8.0-8.5 Sampled: 7/2/2012 12:10

Sample ID: 12G0085-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 18:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.9	30-150		7/9/12 18:57
Decachlorobiphenyl [2]	79.4	30-150		7/9/12 18:57
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 18:57
Tetrachloro-m-xylene [2]	105	30-150		7/9/12 18:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B22-5 8.0-8.5 Sampled: 7/2/2012 12:10

Sample ID: 12G0085-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-1 0.0-0.5 Sampled: 7/2/2012 10:30

Sample ID: 12G0085-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.8	30-150		7/9/12 19:10
Decachlorobiphenyl [2]	91.4	30-150		7/9/12 19:10
Tetrachloro-m-xylene [1]	108	30-150		7/9/12 19:10
Tetrachloro-m-xylene [2]	113	30-150		7/9/12 19:10

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-1 0.0-0.5 Sampled: 7/2/2012 10:30

Sample ID: 12G0085-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-2 2.0-2.5 Sampled: 7/2/2012 10:40

Sample ID: 12G0085-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.9	30-150		7/9/12 19:23
Decachlorobiphenyl [2]	84.8	30-150		7/9/12 19:23
Tetrachloro-m-xylene [1]	101	30-150		7/9/12 19:23
Tetrachloro-m-xylene [2]	106	30-150		7/9/12 19:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-2 2.0-2.5 Sampled: 7/2/2012 10:40

Sample ID: 12G0085-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.4		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-3 4.0-4.5 Sampled: 7/2/2012 10:50

Sample ID: 12G0085-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1254 [2]	2.6	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1260 [2]	1.8	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	104	30-150		7/11/12 9:40	
Decachlorobiphenyl [2]	112	30-150		7/11/12 9:40	
Tetrachloro-m-xylene [1]	96.4	30-150		7/11/12 9:40	
Tetrachloro-m-xylene [2]	113	30-150		7/11/12 9:40	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-3 4.0-4.5 Sampled: 7/2/2012 10:50

Sample ID: 12G0085-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.7		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-4 6.0-6.5 Sampled: 7/2/2012 11:00

Sample ID: 12G0085-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1248 [1]	0.14	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1254 [2]	0.33	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1260 [2]	0.23	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.0	30-150		7/9/12 19:49
Decachlorobiphenyl [2]	81.8	30-150		7/9/12 19:49
Tetrachloro-m-xylene [1]	103	30-150		7/9/12 19:49
Tetrachloro-m-xylene [2]	108	30-150		7/9/12 19:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-4 6.0-6.5 Sampled: 7/2/2012 11:00

Sample ID: 12G0085-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.7		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-5 8.0-8.5 Sampled: 7/2/2012 11:10

Sample ID: 12G0085-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1254 [2]	0.59	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1260 [2]	0.32	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		7/9/12 20:28
Decachlorobiphenyl [2]	85.2	30-150		7/9/12 20:28
Tetrachloro-m-xylene [1]	94.9	30-150		7/9/12 20:28
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 20:28

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B23-5 8.0-8.5 Sampled: 7/2/2012 11:10

Sample ID: 12G0085-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-1 0.0-0.5 Sampled: 6/29/2012 09:00

Sample ID: 12G0085-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1248 [2]	0.27	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1254 [2]	0.13	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		7/9/12 20:41
Decachlorobiphenyl [2]	92.6	30-150		7/9/12 20:41
Tetrachloro-m-xylene [1]	95.9	30-150		7/9/12 20:41
Tetrachloro-m-xylene [2]	102	30-150		7/9/12 20:41

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-1 0.0-0.5 Sampled: 6/29/2012 09:00

Sample ID: 12G0085-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-2 2.0-2.5 Sampled: 6/29/2012 09:02

Sample ID: 12G0085-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1221 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1232 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1242 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1248 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1254 [2]	1.1	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1260 [2]	2.4	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1262 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC
Aroclor-1268 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	7/6/12	7/11/12 9:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	116	30-150		7/11/12 9:53	
Decachlorobiphenyl [2]	127	30-150		7/11/12 9:53	
Tetrachloro-m-xylene [1]	110	30-150		7/11/12 9:53	
Tetrachloro-m-xylene [2]	126	30-150		7/11/12 9:53	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-2 2.0-2.5 Sampled: 6/29/2012 09:02

Sample ID: 12G0085-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-3 4.0-4.5 Sampled: 6/29/2012 09:04

Sample ID: 12G0085-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1254 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.4	30-150		7/9/12 21:07
Decachlorobiphenyl [2]	97.1	30-150		7/9/12 21:07
Tetrachloro-m-xylene [1]	105	30-150		7/9/12 21:07
Tetrachloro-m-xylene [2]	111	30-150		7/9/12 21:07

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-3 4.0-4.5 Sampled: 6/29/2012 09:04

Sample ID: 12G0085-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-4 6.0-6.5 Sampled: 6/29/2012 09:06

Sample ID: 12G0085-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1254 [2]	0.15	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1260 [2]	0.19	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/9/12 21:20
Decachlorobiphenyl [2]	106	30-150		7/9/12 21:20
Tetrachloro-m-xylene [1]	105	30-150		7/9/12 21:20
Tetrachloro-m-xylene [2]	112	30-150		7/9/12 21:20

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-4 6.0-6.5 Sampled: 6/29/2012 09:06

Sample ID: 12G0085-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-5 8.0-8.5 Sampled: 6/29/2012 09:08

Sample ID: 12G0085-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.1	30-150		7/9/12 21:33
Decachlorobiphenyl [2]	84.8	30-150		7/9/12 21:33
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 21:33
Tetrachloro-m-xylene [2]	107	30-150		7/9/12 21:33

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B24-5 8.0-8.5 Sampled: 6/29/2012 09:08

Sample ID: 12G0085-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-1 0.0-0.5 Sampled: 6/29/2012 08:50

Sample ID: 12G0085-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1254 [2]	0.43	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1260 [2]	0.85	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.8	30-150		7/9/12 21:46
Decachlorobiphenyl [2]	95.1	30-150		7/9/12 21:46
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 21:46
Tetrachloro-m-xylene [2]	107	30-150		7/9/12 21:46

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-1 0.0-0.5 Sampled: 6/29/2012 08:50

Sample ID: 12G0085-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.4		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-2 2.0-2.5 Sampled: 6/29/2012 08:52

Sample ID: 12G0085-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1254 [2]	0.15	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1260 [2]	0.13	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.5	30-150		7/9/12 21:59
Decachlorobiphenyl [2]	88.0	30-150		7/9/12 21:59
Tetrachloro-m-xylene [1]	91.8	30-150		7/9/12 21:59
Tetrachloro-m-xylene [2]	99.7	30-150		7/9/12 21:59

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-2 2.0-2.5 Sampled: 6/29/2012 08:52

Sample ID: 12G0085-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.9		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-3 4.0-4.5 Sampled: 6/29/2012 08:54

Sample ID: 12G0085-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1254 [2]	0.11	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.7	30-150		7/9/12 22:12
Decachlorobiphenyl [2]	98.9	30-150		7/9/12 22:12
Tetrachloro-m-xylene [1]	101	30-150		7/9/12 22:12
Tetrachloro-m-xylene [2]	108	30-150		7/9/12 22:12

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-3 4.0-4.5 Sampled: 6/29/2012 08:54

Sample ID: 12G0085-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.8		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-4 6.0-6.5 Sampled: 6/29/2012 08:56

Sample ID: 12G0085-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.5	30-150		7/9/12 22:25
Decachlorobiphenyl [2]	96.5	30-150		7/9/12 22:25
Tetrachloro-m-xylene [1]	96.9	30-150		7/9/12 22:25
Tetrachloro-m-xylene [2]	104	30-150		7/9/12 22:25

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-4 6.0-6.5 Sampled: 6/29/2012 08:56

Sample ID: 12G0085-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-5 8.0-8.5 Sampled: 6/29/2012 08:58

Sample ID: 12G0085-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:37	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.8	30-150		7/9/12 22:37
Decachlorobiphenyl [2]	87.4	30-150		7/9/12 22:37
Tetrachloro-m-xylene [1]	96.3	30-150		7/9/12 22:37
Tetrachloro-m-xylene [2]	104	30-150		7/9/12 22:37

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B25-5 8.0-8.5 Sampled: 6/29/2012 08:58

Sample ID: 12G0085-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-1 0.0-0.5 Sampled: 6/29/2012 13:10

Sample ID: 12G0085-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1254 [2]	1.4	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1260 [2]	3.7	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/11/12 10:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		7/11/12 10:06
Decachlorobiphenyl [2]	118	30-150		7/11/12 10:06
Tetrachloro-m-xylene [1]	95.7	30-150		7/11/12 10:06
Tetrachloro-m-xylene [2]	111	30-150		7/11/12 10:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-1 0.0-0.5 Sampled: 6/29/2012 13:10

Sample ID: 12G0085-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.7		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-2 2.0-2.5 Sampled: 6/29/2012 13:12

Sample ID: 12G0085-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1260 [2]	0.15	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	93.7	30-150			7/10/12 0:34
Decachlorobiphenyl [2]	98.5	30-150			7/10/12 0:34
Tetrachloro-m-xylene [1]	90.8	30-150			7/10/12 0:34
Tetrachloro-m-xylene [2]	99.3	30-150			7/10/12 0:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-2 2.0-2.5 Sampled: 6/29/2012 13:12

Sample ID: 12G0085-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.7		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-3 4.0-4.5 Sampled: 6/29/2012 13:14

Sample ID: 12G0085-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	97.0	30-150		7/10/12	0:47
Decachlorobiphenyl [2]	103	30-150		7/10/12	0:47
Tetrachloro-m-xylene [1]	99.1	30-150		7/10/12	0:47
Tetrachloro-m-xylene [2]	108	30-150		7/10/12	0:47

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-3 4.0-4.5 Sampled: 6/29/2012 13:14

Sample ID: 12G0085-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.5		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-4 6.0-6.5 Sampled: 6/29/2012 13:16

Sample ID: 12G0085-24

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	98.1	30-150		7/10/12 1:00	
Decachlorobiphenyl [2]	103	30-150		7/10/12 1:00	
Tetrachloro-m-xylene [1]	96.2	30-150		7/10/12 1:00	
Tetrachloro-m-xylene [2]	105	30-150		7/10/12 1:00	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-4 6.0-6.5 Sampled: 6/29/2012 13:16

Sample ID: 12G0085-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-5 8.0-8.5 Sampled: 6/29/2012 13:18

Sample ID: 12G0085-25

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	94.4	30-150		7/10/12 1:13	
Decachlorobiphenyl [2]	100	30-150		7/10/12 1:13	
Tetrachloro-m-xylene [1]	101	30-150		7/10/12 1:13	
Tetrachloro-m-xylene [2]	111	30-150		7/10/12 1:13	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B26-5 8.0-8.5 Sampled: 6/29/2012 13:18

Sample ID: 12G0085-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.6		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B27-4 6.0-6.5 Sampled: 6/29/2012 13:26

Sample ID: 12G0085-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.4	30-150		7/10/12 1:26
Decachlorobiphenyl [2]	102	30-150		7/10/12 1:26
Tetrachloro-m-xylene [1]	98.5	30-150		7/10/12 1:26
Tetrachloro-m-xylene [2]	108	30-150		7/10/12 1:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B27-4 6.0-6.5 Sampled: 6/29/2012 13:26

Sample ID: 12G0085-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.8		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B27-5 8.0-8.5 Sampled: 6/29/2012 13:28

Sample ID: 12G0085-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.5	30-150		7/10/12 1:39
Decachlorobiphenyl [2]	104	30-150		7/10/12 1:39
Tetrachloro-m-xylene [1]	100	30-150		7/10/12 1:39
Tetrachloro-m-xylene [2]	110	30-150		7/10/12 1:39

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B27-5 8.0-8.5 Sampled: 6/29/2012 13:28

Sample ID: 12G0085-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-1 0.0-0.5 Sampled: 6/29/2012 09:10

Sample ID: 12G0085-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	86.4	30-150		7/10/12	1:52
Decachlorobiphenyl [2]	92.6	30-150		7/10/12	1:52
Tetrachloro-m-xylene [1]	99.3	30-150		7/10/12	1:52
Tetrachloro-m-xylene [2]	110	30-150		7/10/12	1:52

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-1 0.0-0.5 Sampled: 6/29/2012 09:10

Sample ID: 12G0085-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.9		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-2 2.0-2.5 Sampled: 6/29/2012 09:12

Sample ID: 12G0085-29

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1248 [1]	0.35	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1254 [2]	0.42	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1260 [2]	0.55	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	125	30-150		7/11/12 10:21
Decachlorobiphenyl [2]	140	30-150		7/11/12 10:21
Tetrachloro-m-xylene [1]	111	30-150		7/11/12 10:21
Tetrachloro-m-xylene [2]	125	30-150		7/11/12 10:21

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-2 2.0-2.5 Sampled: 6/29/2012 09:12

Sample ID: 12G0085-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	73.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-3 4.0-4.5 Sampled: 6/29/2012 09:14

Sample ID: 12G0085-30

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1254 [2]	5.2	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1260 [2]	5.6	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/6/12	7/11/12 10:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 10:34
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 10:34
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 10:34
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 10:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-3 4.0-4.5 Sampled: 6/29/2012 09:14

Sample ID: 12G0085-30

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-4 6.0-6.5 Sampled: 6/29/2012 09:16

Sample ID: 12G0085-31

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1254 [2]	0.15	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1260 [2]	0.16	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		7/11/12 18:10
Decachlorobiphenyl [2]	136	30-150		7/11/12 18:10
Tetrachloro-m-xylene [1]	118	30-150		7/11/12 18:10
Tetrachloro-m-xylene [2]	137	30-150		7/11/12 18:10

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-4 6.0-6.5 Sampled: 6/29/2012 09:16

Sample ID: 12G0085-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.5		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-5 8.0-8.5 Sampled: 6/29/2012 09:18

Sample ID: 12G0085-32

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1254 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1260 [2]	0.24	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/11/12 18:23
Decachlorobiphenyl [2]	111	30-150		7/11/12 18:23
Tetrachloro-m-xylene [1]	99.2	30-150		7/11/12 18:23
Tetrachloro-m-xylene [2]	113	30-150		7/11/12 18:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B34-5 8.0-8.5 Sampled: 6/29/2012 09:18

Sample ID: 12G0085-32

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-1 0.0-0.5 Sampled: 6/29/2012 08:40

Sample ID: 12G0085-33

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		7/11/12 18:36
Decachlorobiphenyl [2]	138	30-150		7/11/12 18:36
Tetrachloro-m-xylene [1]	124	30-150		7/11/12 18:36
Tetrachloro-m-xylene [2]	140	30-150		7/11/12 18:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-1 0.0-0.5 Sampled: 6/29/2012 08:40

Sample ID: 12G0085-33

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-2 2.0-2.5 Sampled: 6/29/2012 08:42

Sample ID: 12G0085-34

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1248 [1]	0.24	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1254 [2]	0.47	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1260 [2]	0.79	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 10:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	110	30-150		7/11/12 10:47	
Decachlorobiphenyl [2]	123	30-150		7/11/12 10:47	
Tetrachloro-m-xylene [1]	101	30-150		7/11/12 10:47	
Tetrachloro-m-xylene [2]	119	30-150		7/11/12 10:47	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-2 2.0-2.5 Sampled: 6/29/2012 08:42

Sample ID: 12G0085-34

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-3 4.0-4.5 Sampled: 6/29/2012 08:46

Sample ID: 12G0085-35

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1254 [2]	0.79	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1260 [2]	0.46	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 18:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	129	30-150		7/11/12 18:49
Decachlorobiphenyl [2]	142	30-150		7/11/12 18:49
Tetrachloro-m-xylene [1]	116	30-150		7/11/12 18:49
Tetrachloro-m-xylene [2]	134	30-150		7/11/12 18:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-3 4.0-4.5 Sampled: 6/29/2012 08:46

Sample ID: 12G0085-35

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.0		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-4 6.0-6.5 Sampled: 6/29/2012 08:48

Sample ID: 12G0085-36

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1254 [2]	0.19	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1260 [2]	0.18	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		7/11/12 19:02
Decachlorobiphenyl [2]	133	30-150		7/11/12 19:02
Tetrachloro-m-xylene [1]	115	30-150		7/11/12 19:02
Tetrachloro-m-xylene [2]	130	30-150		7/11/12 19:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-4 6.0-6.5 Sampled: 6/29/2012 08:48

Sample ID: 12G0085-36

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-5 8.0-8.5 Sampled: 6/29/2012 08:50

Sample ID: 12G0085-37

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	133	30-150		7/11/12 19:15
Decachlorobiphenyl [2]	145	30-150		7/11/12 19:15
Tetrachloro-m-xylene [1]	121	30-150		7/11/12 19:15
Tetrachloro-m-xylene [2]	136	30-150		7/11/12 19:15

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B35-5 8.0-8.5 Sampled: 6/29/2012 08:50

Sample ID: 12G0085-37

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-1 0.0-0.5 Sampled: 6/29/2012 13:00

Sample ID: 12G0085-38

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1260 [2]	0.21	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		7/11/12 19:28
Decachlorobiphenyl [2]	131	30-150		7/11/12 19:28
Tetrachloro-m-xylene [1]	114	30-150		7/11/12 19:28
Tetrachloro-m-xylene [2]	130	30-150		7/11/12 19:28

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-1 0.0-0.5 Sampled: 6/29/2012 13:00

Sample ID: 12G0085-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.2		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-2 2.0-2.5 Sampled: 6/29/2012 13:02

Sample ID: 12G0085-39

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	126	30-150		7/11/12 19:40
Decachlorobiphenyl [2]	139	30-150		7/11/12 19:40
Tetrachloro-m-xylene [1]	108	30-150		7/11/12 19:40
Tetrachloro-m-xylene [2]	124	30-150		7/11/12 19:40

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-2 2.0-2.5 Sampled: 6/29/2012 13:02

Sample ID: 12G0085-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.8		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-3 4.0-4.5 Sampled: 6/29/2012 13:04

Sample ID: 12G0085-40

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/11/12 19:53	MJC

Surrogates	% Recovery		Recovery Limits	Flag		
Decachlorobiphenyl [1]	142		30-150			7/11/12 19:53
Decachlorobiphenyl [2]	**153**	*	30-150	S-12		7/11/12 19:53
Tetrachloro-m-xylene [1]	121		30-150			7/11/12 19:53
Tetrachloro-m-xylene [2]	138		30-150			7/11/12 19:53

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0085

Date Received: 7/3/2012

Field Sample #: B36-3 4.0-4.5 Sampled: 6/29/2012 13:04

Sample ID: 12G0085-40

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	7/10/12	7/11/12 10:56	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0085-01 [B22-1 0.0-0.5]	B054763	07/10/12
12G0085-02 [B22.2 2.0-2.5]	B054763	07/10/12
12G0085-03 [B22-3 4.0-4.5]	B054763	07/10/12
12G0085-04 [B22-4 6.0-6.5]	B054763	07/10/12
12G0085-05 [B22-5 8.0-8.5]	B054763	07/10/12
12G0085-06 [B23-1 0.0-0.5]	B054763	07/10/12
12G0085-07 [B23-2 2.0-2.5]	B054763	07/10/12
12G0085-08 [B23-3 4.0-4.5]	B054763	07/10/12
12G0085-09 [B23-4 6.0-6.5]	B054763	07/10/12
12G0085-10 [B23-5 8.0-8.5]	B054763	07/10/12
12G0085-11 [B24-1 0.0-0.5]	B054763	07/10/12
12G0085-12 [B24-2 2.0-2.5]	B054763	07/10/12
12G0085-13 [B24-3 4.0-4.5]	B054763	07/10/12
12G0085-14 [B24-4 6.0-6.5]	B054763	07/10/12
12G0085-15 [B24-5 8.0-8.5]	B054763	07/10/12
12G0085-16 [B25-1 0.0-0.5]	B054763	07/10/12
12G0085-17 [B25-2 2.0-2.5]	B054763	07/10/12
12G0085-18 [B25-3 4.0-4.5]	B054763	07/10/12
12G0085-19 [B25-4 6.0-6.5]	B054763	07/10/12
12G0085-20 [B25-5 8.0-8.5]	B054763	07/10/12
12G0085-21 [B26-1 0.0-0.5]	B054763	07/10/12
12G0085-22 [B26-2 2.0-2.5]	B054763	07/10/12
12G0085-23 [B26-3 4.0-4.5]	B054763	07/10/12
12G0085-24 [B26-4 6.0-6.5]	B054763	07/10/12
12G0085-25 [B26-5 8.0-8.5]	B054763	07/10/12
12G0085-26 [B27-4 6.0-6.5]	B054763	07/10/12
12G0085-27 [B27-5 8.0-8.5]	B054763	07/10/12
12G0085-28 [B34-1 0.0-0.5]	B054763	07/10/12
12G0085-29 [B34-2 2.0-2.5]	B054763	07/10/12
12G0085-30 [B34-3 4.0-4.5]	B054763	07/10/12
12G0085-31 [B34-4 6.0-6.5]	B054763	07/10/12
12G0085-32 [B34-5 8.0-8.5]	B054763	07/10/12
12G0085-33 [B35-1 0.0-0.5]	B054763	07/10/12
12G0085-34 [B35-2 2.0-2.5]	B054763	07/10/12
12G0085-35 [B35-3 4.0-4.5]	B054763	07/10/12
12G0085-36 [B35-4 6.0-6.5]	B054763	07/10/12
12G0085-37 [B35-5 8.0-8.5]	B054763	07/10/12
12G0085-38 [B36-1 0.0-0.5]	B054763	07/10/12
12G0085-39 [B36-2 2.0-2.5]	B054763	07/10/12
12G0085-40 [B36-3 4.0-4.5]	B054763	07/10/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0085-01 [B22-1 0.0-0.5]	B054623	10.0	10.0	07/06/12
12G0085-02 [B22.2 2.0-2.5]	B054623	10.1	10.0	07/06/12
12G0085-03 [B22-3 4.0-4.5]	B054623	10.2	10.0	07/06/12
12G0085-04 [B22-4 6.0-6.5]	B054623	10.0	10.0	07/06/12
12G0085-05 [B22-5 8.0-8.5]	B054623	10.1	10.0	07/06/12
12G0085-06 [B23-1 0.0-0.5]	B054623	10.1	10.0	07/06/12
12G0085-07 [B23-2 2.0-2.5]	B054623	10.2	10.0	07/06/12
12G0085-08 [B23-3 4.0-4.5]	B054623	10.1	10.0	07/06/12
12G0085-09 [B23-4 6.0-6.5]	B054623	10.3	10.0	07/06/12
12G0085-10 [B23-5 8.0-8.5]	B054623	10.1	10.0	07/06/12

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0085-11 [B24-1 0.0-0.5]	B054623	10.0	10.0	07/06/12
12G0085-12 [B24-2 2.0-2.5]	B054623	10.0	10.0	07/06/12
12G0085-13 [B24-3 4.0-4.5]	B054623	10.0	10.0	07/06/12
12G0085-14 [B24-4 6.0-6.5]	B054623	10.2	10.0	07/06/12
12G0085-15 [B24-5 8.0-8.5]	B054623	10.0	10.0	07/06/12
12G0085-16 [B25-1 0.0-0.5]	B054623	10.2	10.0	07/06/12
12G0085-17 [B25-2 2.0-2.5]	B054623	10.2	10.0	07/06/12
12G0085-18 [B25-3 4.0-4.5]	B054623	10.2	10.0	07/06/12
12G0085-19 [B25-4 6.0-6.5]	B054623	10.3	10.0	07/06/12
12G0085-20 [B25-5 8.0-8.5]	B054623	10.0	10.0	07/06/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0085-21 [B26-1 0.0-0.5]	B054625	10.0	10.0	07/06/12
12G0085-22 [B26-2 2.0-2.5]	B054625	10.1	10.0	07/06/12
12G0085-23 [B26-3 4.0-4.5]	B054625	10.0	10.0	07/06/12
12G0085-24 [B26-4 6.0-6.5]	B054625	10.1	10.0	07/06/12
12G0085-25 [B26-5 8.0-8.5]	B054625	10.1	10.0	07/06/12
12G0085-26 [B27-4 6.0-6.5]	B054625	10.1	10.0	07/06/12
12G0085-27 [B27-5 8.0-8.5]	B054625	10.0	10.0	07/06/12
12G0085-28 [B34-1 0.0-0.5]	B054625	10.3	10.0	07/06/12
12G0085-29 [B34-2 2.0-2.5]	B054625	10.3	10.0	07/06/12
12G0085-30 [B34-3 4.0-4.5]	B054625	10.3	10.0	07/06/12
12G0085-31 [B34-4 6.0-6.5]	B054625	10.2	10.0	07/06/12
12G0085-32 [B34-5 8.0-8.5]	B054625	10.2	10.0	07/06/12
12G0085-33 [B35-1 0.0-0.5]	B054625	10.3	10.0	07/06/12
12G0085-34 [B35-2 2.0-2.5]	B054625	10.0	10.0	07/06/12
12G0085-35 [B35-3 4.0-4.5]	B054625	10.1	10.0	07/06/12
12G0085-36 [B35-4 6.0-6.5]	B054625	10.2	10.0	07/06/12
12G0085-37 [B35-5 8.0-8.5]	B054625	10.3	10.0	07/06/12
12G0085-38 [B36-1 0.0-0.5]	B054625	10.0	10.0	07/06/12
12G0085-39 [B36-2 2.0-2.5]	B054625	10.2	10.0	07/06/12
12G0085-40 [B36-3 4.0-4.5]	B054625	10.1	10.0	07/06/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054623 - SW-846 3540C										
Blank (B054623-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			
LCS (B054623-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.7	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		99.6	40-140			
Surrogate: Decachlorobiphenyl	*0.190*		mg/Kg wet	0.200		94.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS Dup (B054623-BSD1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140	1.83	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	3.71	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.5	40-140	2.34	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.2	40-140	1.40	30	
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.168*		mg/Kg wet	0.200		84.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg wet	0.200		105	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054623 - SW-846 3540C										
Matrix Spike (B054623-MS1)	**Source: 12G0085-01**			Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.30	0.12	mg/Kg dry	0.230	0.0	128	40-140			
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.230	0.0	123	40-140			
Aroclor-1260	0.85	0.12	mg/Kg dry	0.230	0.72	56.9	40-140			
Aroclor-1260 [2C]	0.93	0.12	mg/Kg dry	0.230	0.76	73.1	40-140			
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg dry	0.230		87.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg dry	0.230		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.234*		mg/Kg dry	0.230		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.249*		mg/Kg dry	0.230		108	30-150			
Matrix Spike Dup (B054623-MSD1)	**Source: 12G0085-01**			Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.26	0.12	mg/Kg dry	0.230	0.0	115	40-140	11.1	50	
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.230	0.0	123	40-140	0.479	50	
Aroclor-1260	0.96	0.12	mg/Kg dry	0.230	0.72	104	40-140	12.0	50	
Aroclor-1260 [2C]	1.1	0.12	mg/Kg dry	0.230	0.76	126	40-140	12.3	50	
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg dry	0.230		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg dry	0.230		94.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.239*		mg/Kg dry	0.230		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.256*		mg/Kg dry	0.230		111	30-150			
Batch B054625 - SW-846 3540C										
Blank (B054625-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg wet	0.200		96.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B054625 - SW-846 3540C											
LCS (B054625-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12							
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112		40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114		40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		97.7		40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		106		40-140			
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		99.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg wet	0.200		104		30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg wet	0.200		101		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg wet	0.200		109		30-150			
LCS Dup (B054625-BSD1)				Prepared: 07/06/12 Analyzed: 07/10/12							
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112		40-140	0.360	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114		40-140	0.0131	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		98.4		40-140	0.643	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		107		40-140	0.757	30	
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg wet	0.200		97.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg wet	0.200		104		30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg wet	0.200		99.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107		30-150			
Matrix Spike (B054625-MS1)	**Source: 12G0085-21**			Prepared: 07/06/12 Analyzed: 07/11/12							
Aroclor-1016	0.35	0.12	mg/Kg dry	0.231	0.0	**152**	*	40-140			MS-21
Aroclor-1016 [2C]	0.43	0.12	mg/Kg dry	0.231	0.0	**185**	*	40-140			MS-21
Aroclor-1260	4.4	0.12	mg/Kg dry	0.231	3.1	**556**	*	40-140			MS-19
Aroclor-1260 [2C]	4.9	0.12	mg/Kg dry	0.231	3.7	**537**	*	40-140			MS-19
Surrogate: Decachlorobiphenyl	*0.328*		mg/Kg dry	0.231		142		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.358*		mg/Kg dry	0.231		**155**	*	30-150			S-12
Surrogate: Tetrachloro-m-xylene	*0.294*		mg/Kg dry	0.231		128		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.335*		mg/Kg dry	0.231		145		30-150			
Matrix Spike Dup (B054625-MSD1)	**Source: 12G0085-21**			Prepared: 07/06/12 Analyzed: 07/11/12							
Aroclor-1016	0.32	0.12	mg/Kg dry	0.231	0.0	139		40-140	9.11	50	
Aroclor-1016 [2C]	0.41	0.12	mg/Kg dry	0.231	0.0	**176**	*	40-140	5.10	50	MS-21
Aroclor-1260	4.8	0.12	mg/Kg dry	0.231	3.1	**734**	*	40-140	8.90	50	MS-19
Aroclor-1260 [2C]	5.5	0.12	mg/Kg dry	0.231	3.7	**763**	*	40-140	10.0	50	MS-19
Surrogate: Decachlorobiphenyl	*0.276*		mg/Kg dry	0.231		120		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.299*		mg/Kg dry	0.231		130		30-150			
Surrogate: Tetrachloro-m-xylene	*0.250*		mg/Kg dry	0.231		108		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.285*		mg/Kg dry	0.231		123		30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054763 - % Solids										
Duplicate (B054763-DUP1)	**Source: 12G0085-03**			Prepared: 07/10/12 Analyzed: 07/11/12						
% Solids	89.8		% Wt		89.4			0.446	20	
Duplicate (B054763-DUP2)	**Source: 12G0085-02**			Prepared: 07/10/12 Analyzed: 07/11/12						
% Solids	90.2		% Wt		88.8			1.56	20	
Duplicate (B054763-DUP3)	**Source: 12G0085-01**			Prepared: 07/10/12 Analyzed: 07/11/12						
% Solids	89.5		% Wt		86.8			3.06	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Page 1 of 27

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-01	B22-1 0.0-0.5	7/2/12	1202		X	S	U	✓	✓	1	I	A
-02	B22-2 2.0-2.5	"	1204		"	"	"	"	"	"	"	"
-03	B22-3 4.0-4.5	"	1206		"	"	"	"	"	"	"	"
-04	B22-4 6.0-6.5	"	1208		"	"	"	"	"	"	"	"
-05	B22-5 8.0-8.5	"	1210		"	"	"	"	"	"	"	"
-06	B23-1 0.0-0.5	"	1030		"	"	"	"	"	"	"	"
-07	B23-2 2.0-2.5	"	1040		"	"	"	"	"	"	"	"
-08	B23-3 4.0-4.5	"	1050		"	"	"	"	"	"	"	"
-09	B23-4 6.0-6.5	"	1100		"	"	"	"	"	"	"	"
-10	B23-5 8.0-8.5	✓	1110		✓	✓	✓	✓	✓	"	"	"

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/3/12	Date/Time: 1700
Received by: (signature)	7/3/12	Date/Time: 1700
Relinquished by: (signature)	7/3/12	Date/Time: 1715
Received by: (signature)	7/3/12	Date/Time: 1715

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Page 2 of 27

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-11	B24-1 0.0-0.5	6/29/12	0900		x	S	U	✓	✓	1	I	A
-12	B24-2 2.0-2.5		0902									
-13	B24-3 4.0-4.5		0904									
-14	B24-4 6.0-6.5		0906									
-15	B24-5 8.0-8.5		0908									
-16	B25-1 0.0-0.5		0850									
-17	B25-2 2.0-2.5		0852									
-18	B25-3 4.0-4.5		0854									
-19	B25-4 6.0-6.5		0856									
-20	B25-5 8.0-8.5	↓	0858		↓	↓	↓	↓	↓			

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/3/12	Date/Time: 4PM
Received by: (signature)	7/3/12	Date/Time: 4PM
Relinquished by: (signature)	7/3/12	Date/Time: 5PM
Received by: (signature)	7/3/12	Date/Time: 17:15

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
_____
Connecticut: 0.25 mg/kg
_____
_____
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
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Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER _____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-21	B26-1 0.0-0.5	6/28/12	1310		X	S	U	✓	✓	1	I	A
-22	B26-2 2.0-2.5		1312									
-23	B26-3 4.0-4.5		1314									
-24	B26-4 6.0-6.5		1316									
-25	B26-5 8.0-8.5		1318									
-26	B27-4 6.0-6.5		1326									
-27	B27-5 8.0-8.5		1328									
-28	B34-1 0.0-0.5		0910									
-29	B34-2 2.0-2.5		0912									
-30	B34-3 4.0-4.5	↓	0914		↓	↓	↓	↓	↓			

ANALYSIS REQUESTED

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time
7/3/12	4PM
Received by: (signature) 7/3/12	Date/Time: 4PM
Relinquished by: (signature) 7/3/12	Date/Time: 5PM
Received by: (signature) 7/3/12	Date/Time: 1715

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
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ACCREDITED IN ACCORDANCE WITH nelac AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
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Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
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P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
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Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ⊙ PDF ⊙ EXCEL O GIS
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Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-31	B34-4 6.0-6.5	6/29/12	0916		X	S	U	✓	✓	1	I	A
-32	B34-5 8.0-8.5	"	0918		"	"	"	"	"	"	"	"
-33	B35-1 0.0-0.5	"	0840		"	"	"	"	"	"	"	"
-34	B35-2 2.0-2.5	"	0842		"	"	"	"	"	"	"	"
-35	B35-3 4.0-4.5	"	0846		"	"	"	"	"	"	"	"
-36	B35-4 6.0-6.5	"	0848		"	"	"	"	"	"	"	"
-37	B35-5 8.0-8.5	"	0850		"	"	"	"	"	"	"	"
-38	B36-1 0.0-0.5	"	1300		"	"	"	"	"	"	"	"
-39	B36-2 2.0-2.5	"	1302		"	"	"	"	"	"	"	"
-40	B36-3 4.0-4.5	✓	1304		✓	✓	✓	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/3/12	Date/Time: 1700
Received by: (signature)	7/3/12	Date/Time: 1700
Relinquished by: (signature)	7/3/12	Date/Time: 1715
Received by: (signature)	7/3/12	Date/Time: 1715

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
⊙ RCP Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Northeast RECEIVED BY: CEC DATE: 7/3/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.7 C
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	233
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

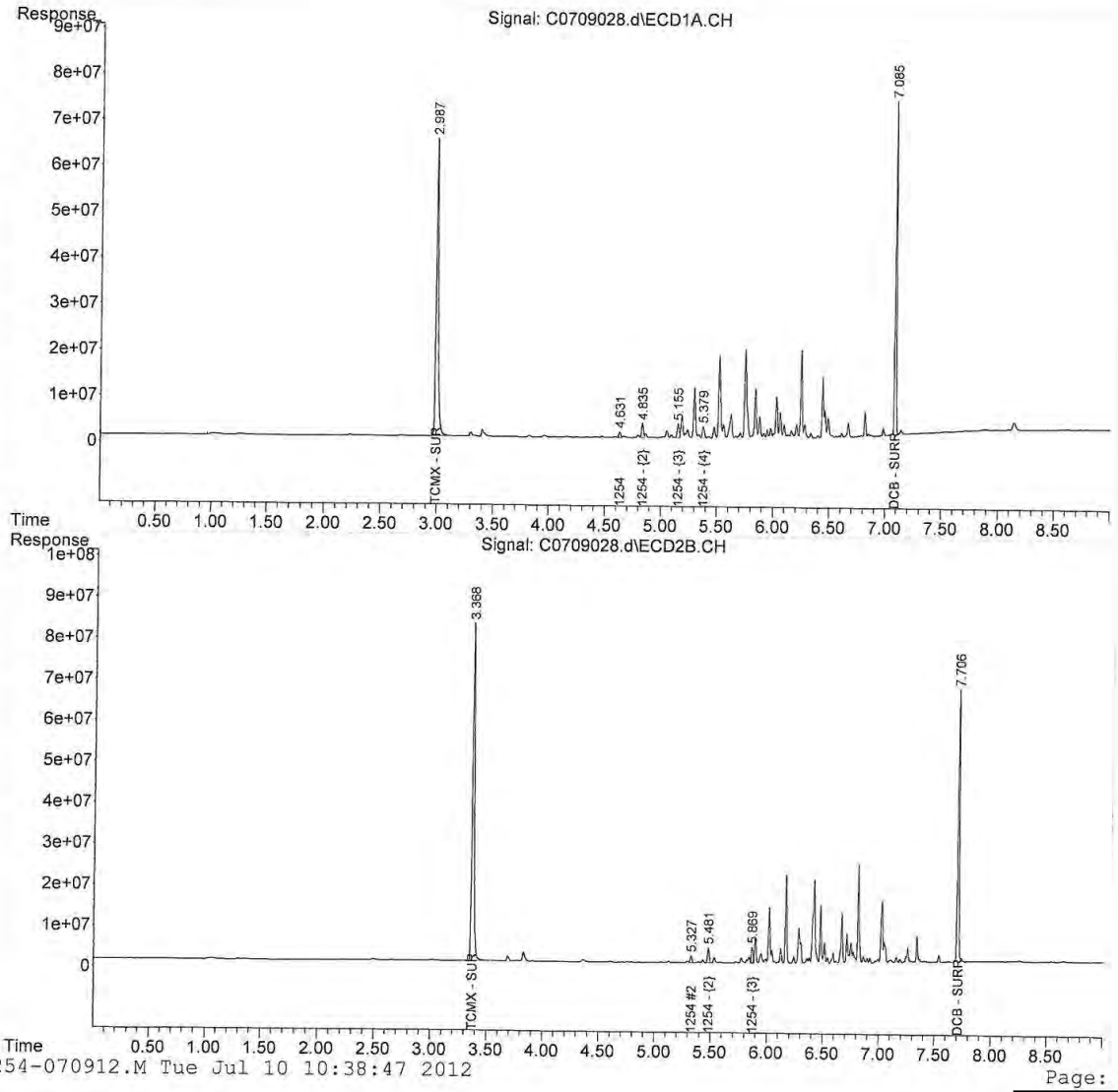
Time and Date Frozen:

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709028.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 18:06 pm
Operator : JMB
Sample : 12G0085-01@5X Inst : DUAL ECD3
Misc :
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 10:38:43 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

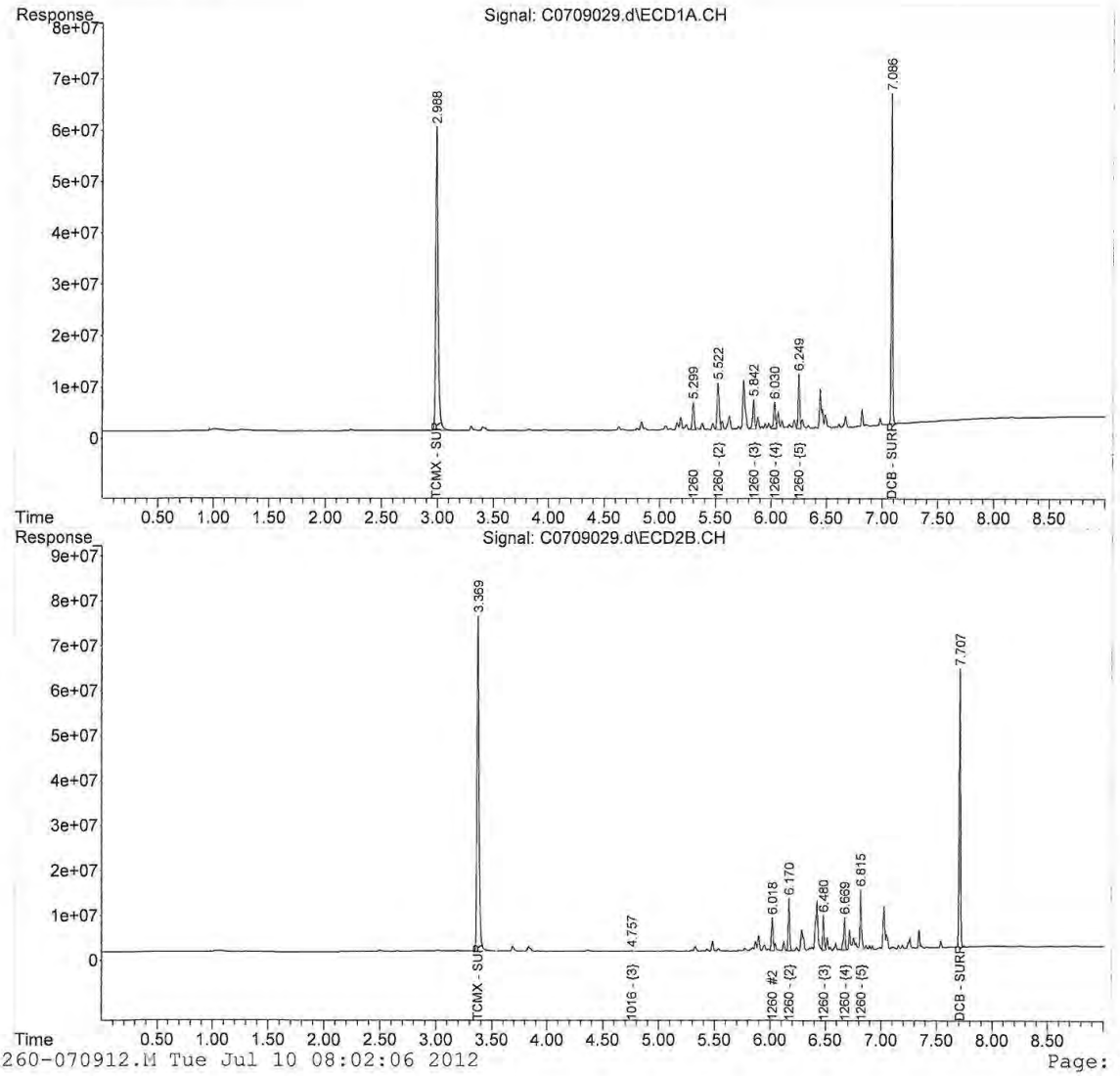


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709029.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 18:19 pm
Operator : JMB
Sample : 12G0085-02@5X Inst : DUAL ECD3
Misc :
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 10 08:02:06 2012
Quant Method : C:\msdchem\1\methods\3-1260-070912.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

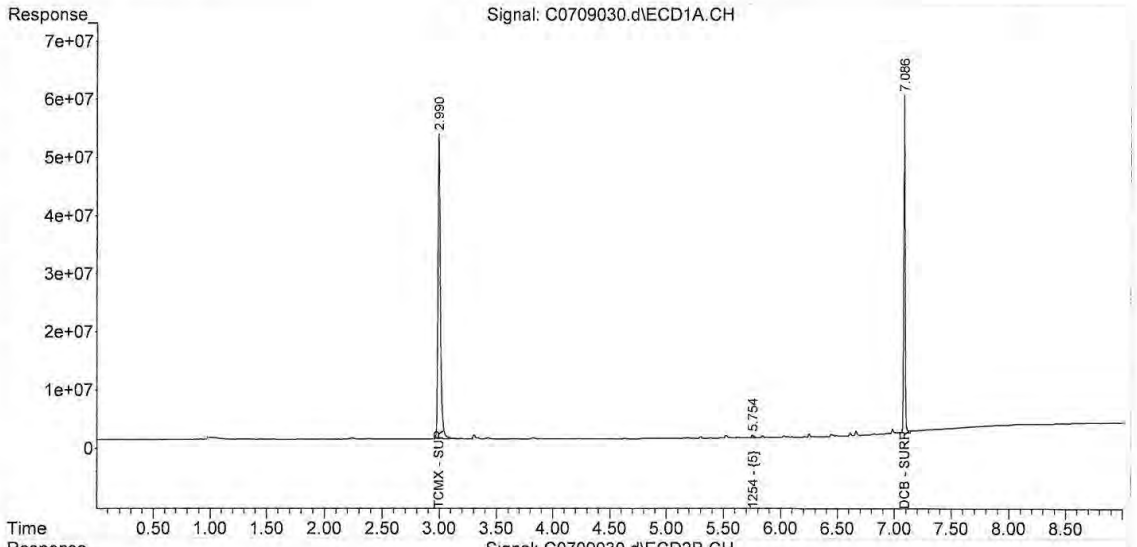


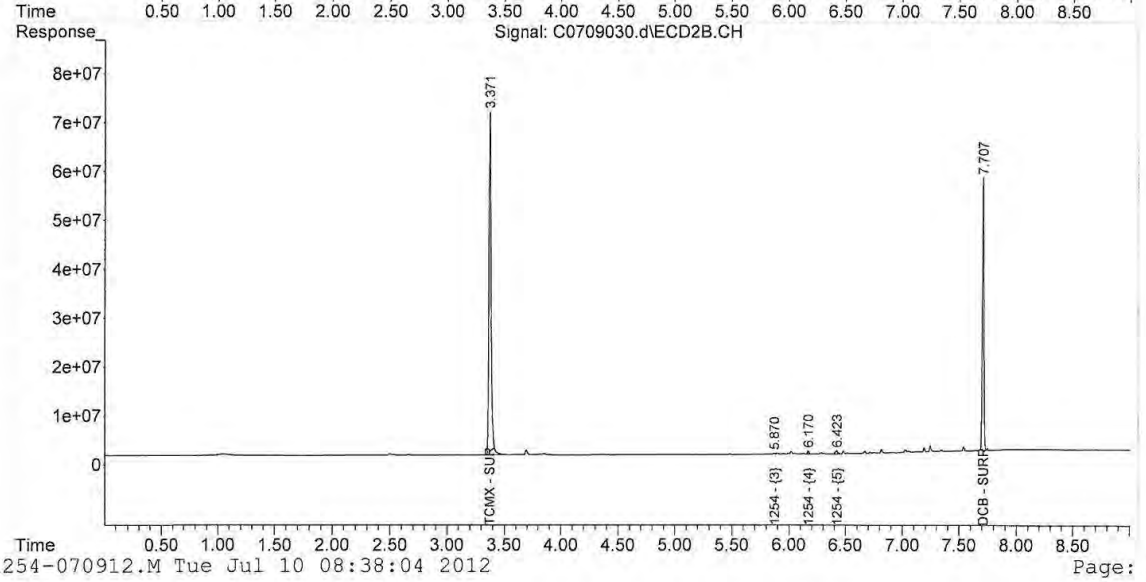
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709030.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 18:32 pm
Operator : JMB
Sample : 12G0085-03@5X Inst : DUAL ECD3
Misc :
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:38:04 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



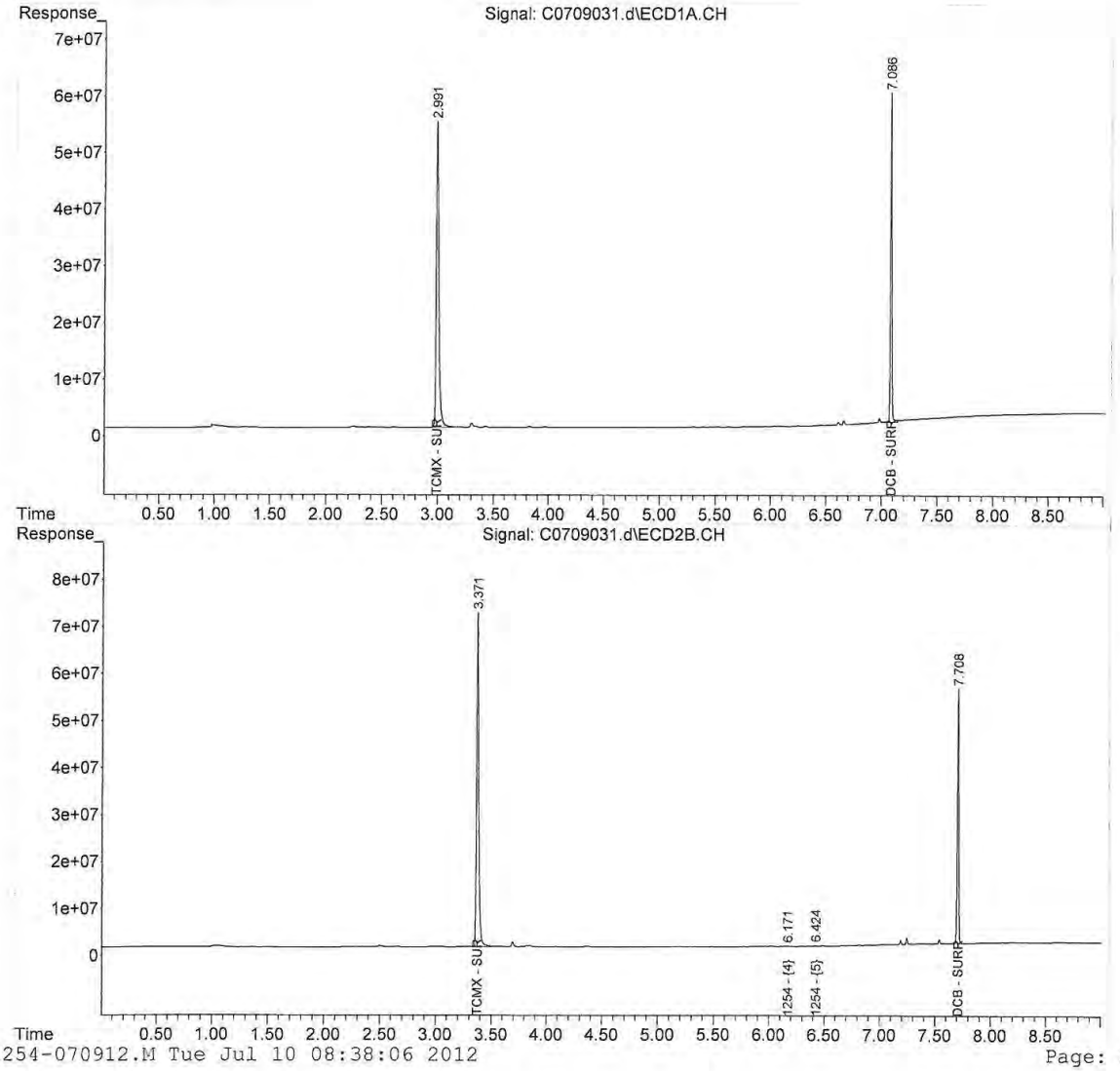


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709031.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 18:44 pm
Operator : JMB
Sample : 12G0085-04@5X Inst : DUAL ECD3
Misc :
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:38:06 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

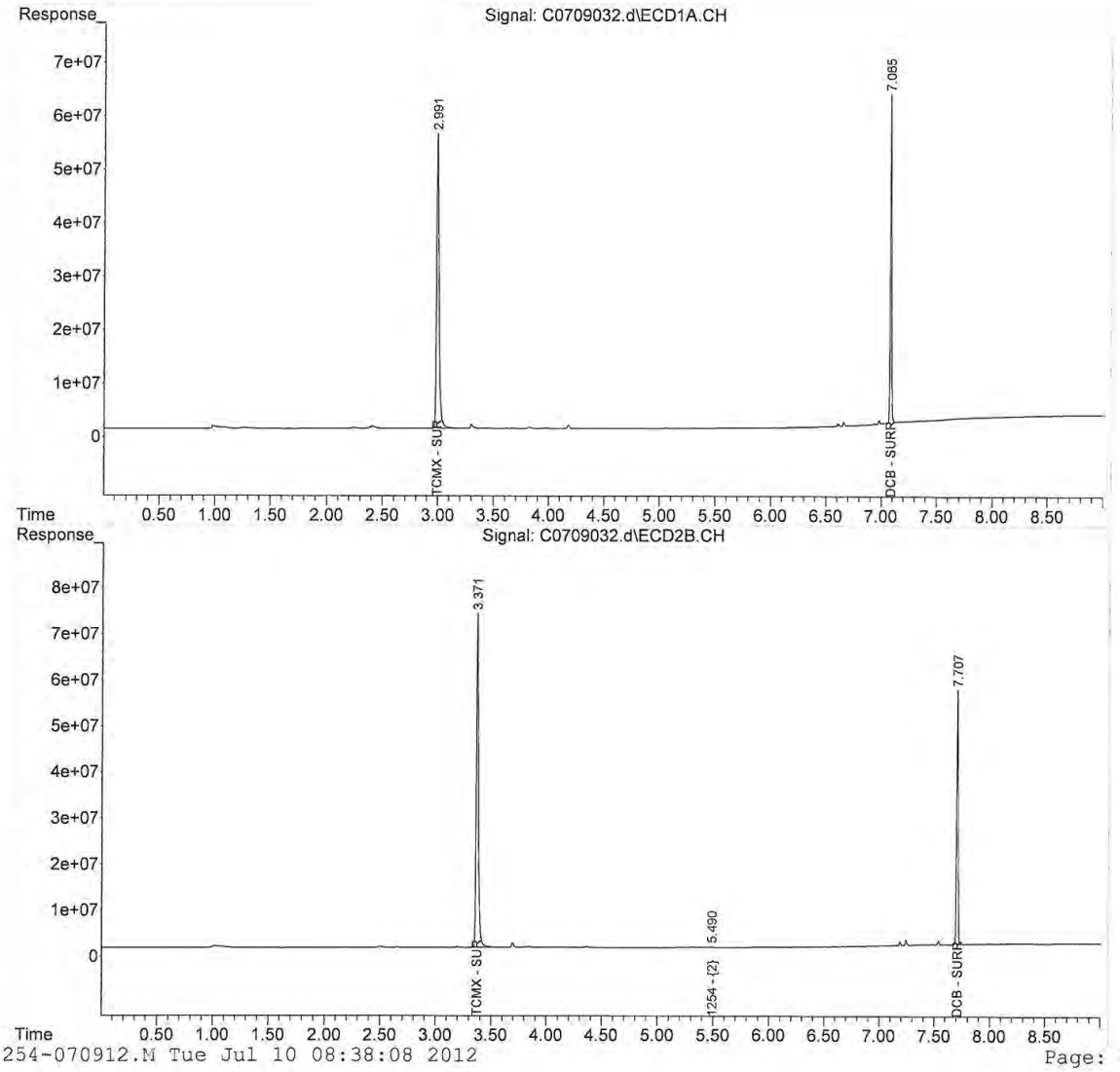


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709032.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 18:57 pm
Operator : JMB
Sample : 12G0085-05@5X Inst : DUAL ECD3
Misc :
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:38:08 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

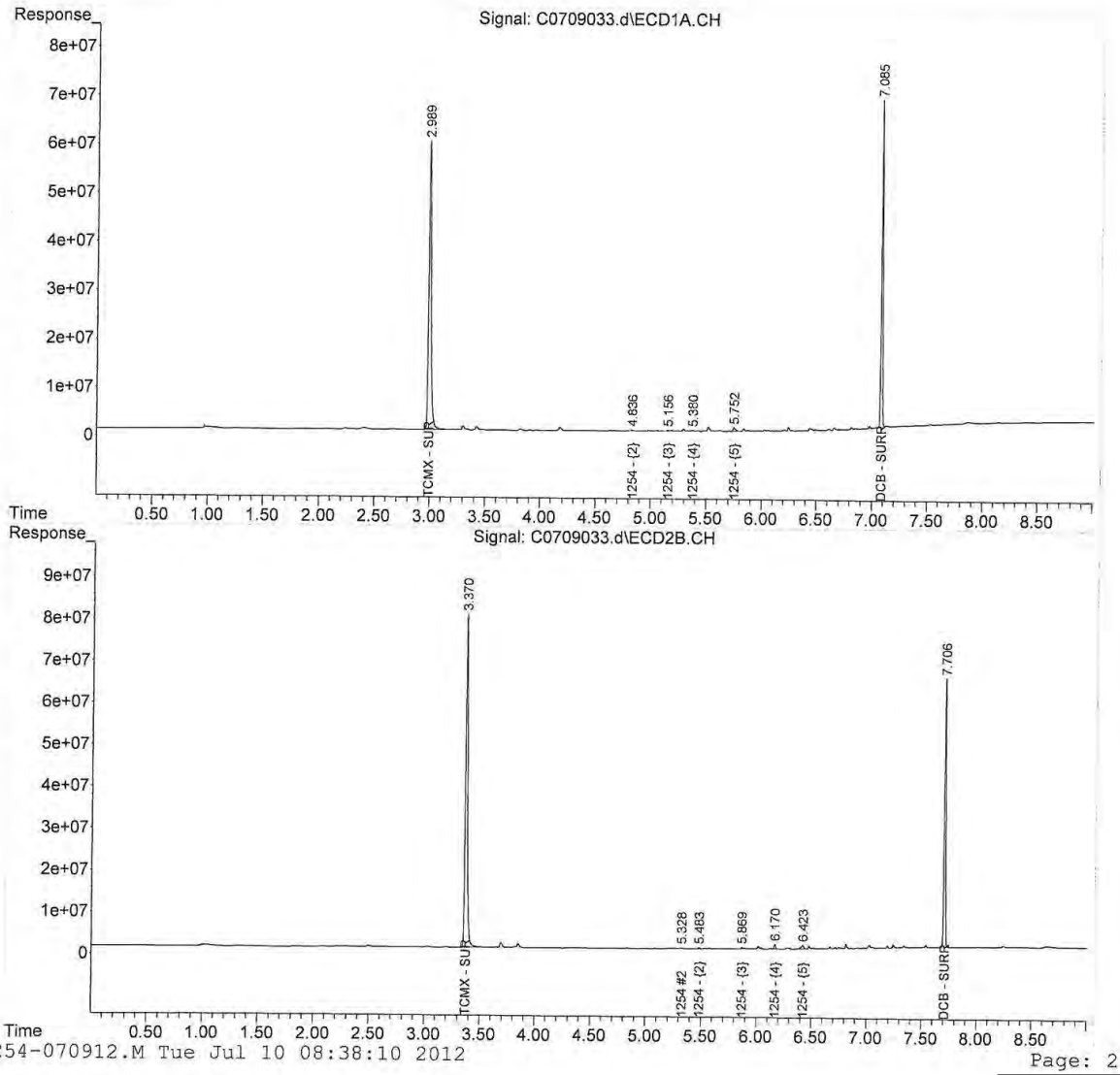


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709033.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 19:10 pm
Operator : JMB
Sample : 12G0085-06@5X Inst : DUAL ECD3
Misc :
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:38:10 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

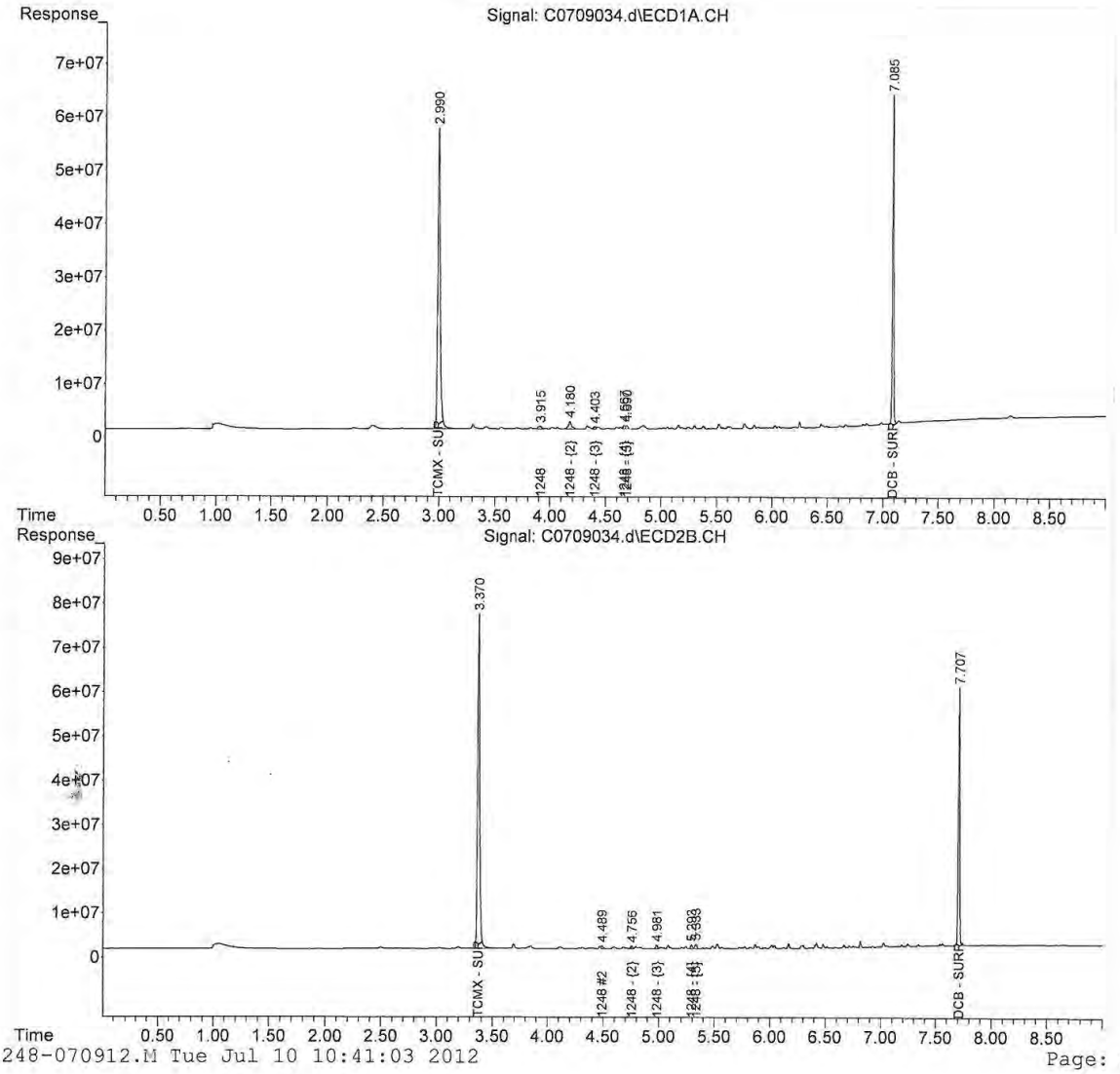


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709034.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 19:23 pm
Operator : JMB
Sample : 12G0085-07@5X Inst : DUAL ECD3
Misc :
ALS Vial : 34 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1248.E
Integration File signal 2: B-1248.E
Quant Time: Jul 10 10:40:49 2012
Quant Method : C:\msdchem\1\methods\3-1248-070912.M
Quant Title : 1248 06/25/12 03/22/12
QLast Update : Fri Jun 29 18:27:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

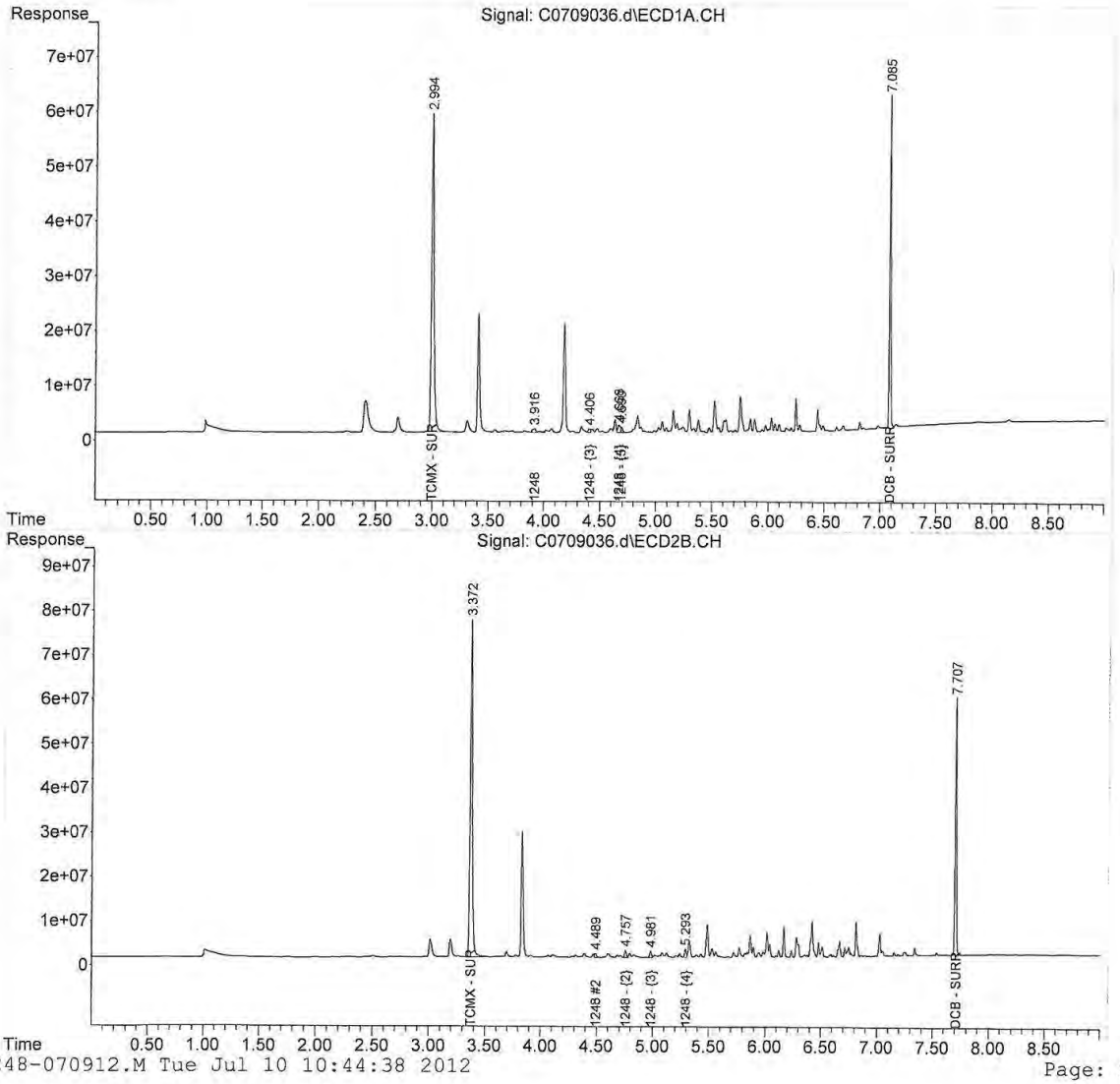


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709036.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 19:49 pm
Operator : JMB
Sample : 12G0085-09@5X Inst : DUAL ECD3
Misc :
ALS Vial : 36 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1248.E
Integration File signal 2: B-1248.E
Quant Time: Jul 10 10:44:35 2012
Quant Method : C:\msdchem\1\methods\3-1248-070912.M
Quant Title : 1248 06/25/12 03/22/12
QLast Update : Fri Jun 29 18:27:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

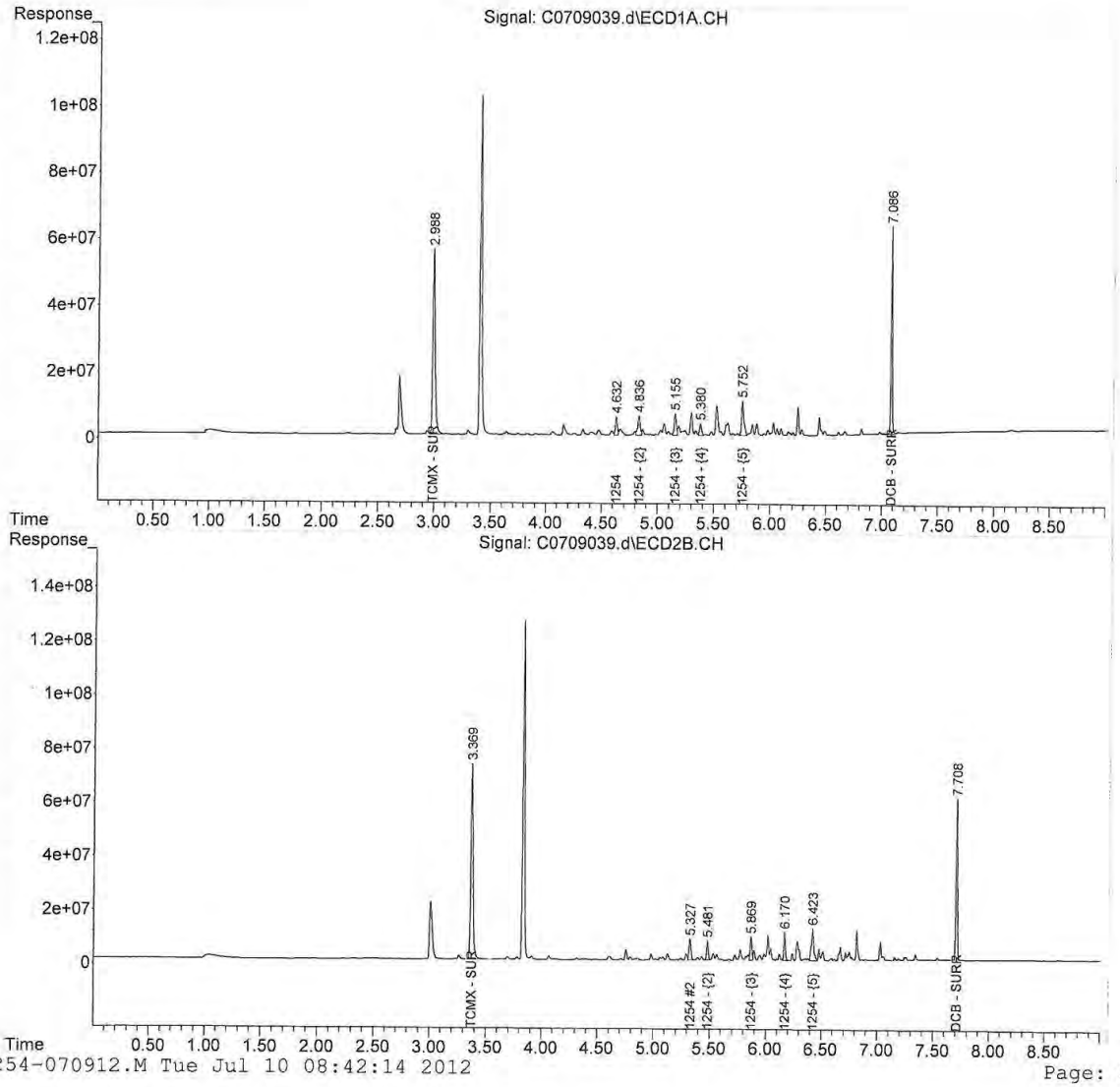


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709039.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 20:28 pm
Operator : JMB
Sample : 12G0085-10@5X Inst : DUAL ECD3
Misc :
ALS Vial : 39 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:42:14 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



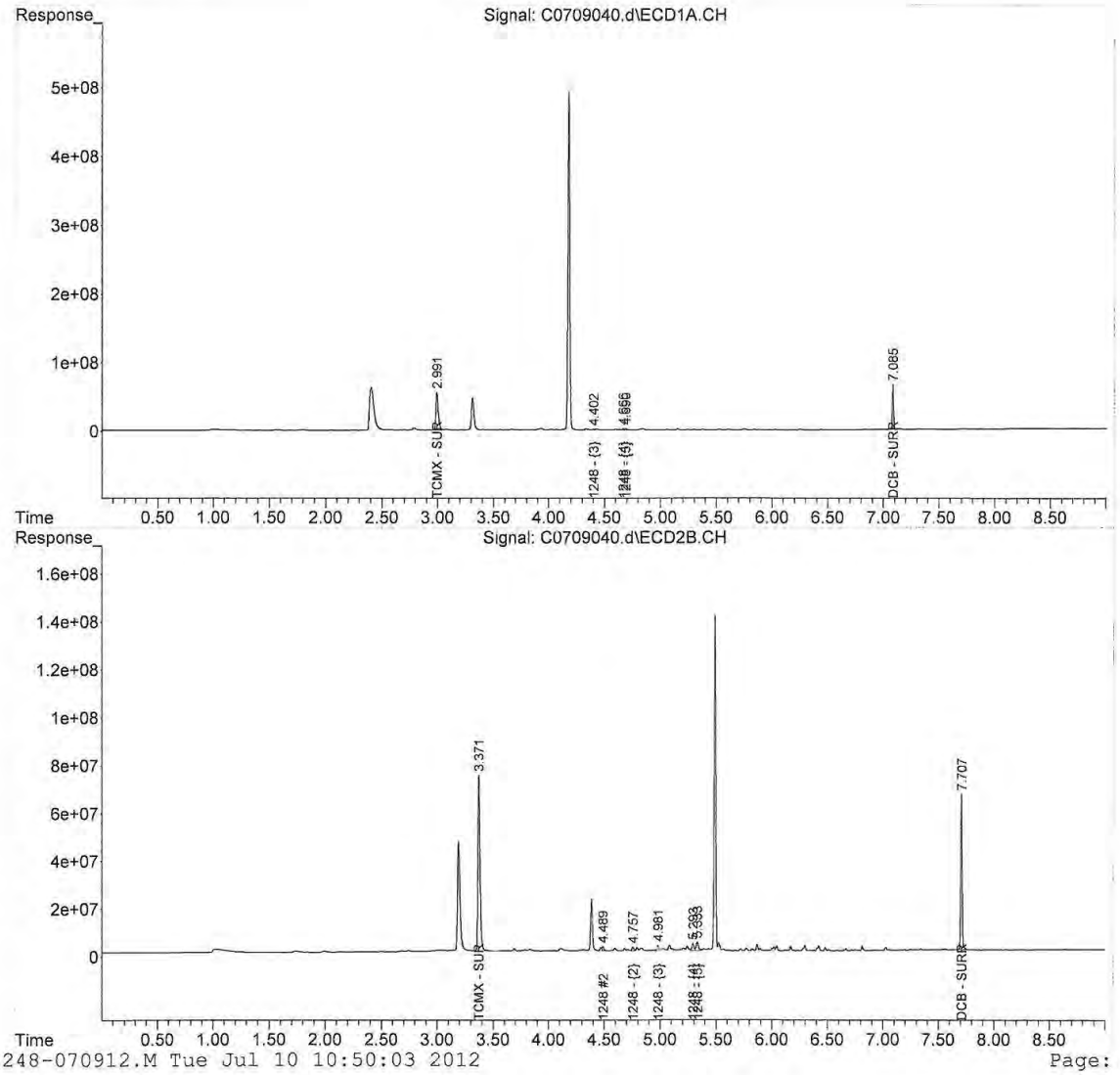
3-1254-070912.M Tue Jul 10 08:42:14 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709040.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 20:41 pm
Operator : JMB
Sample : 12G0085-11@5X Inst : DUAL ECD3
Misc :
ALS Vial : 40 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1248.E
Integration File signal 2: B-1248.E
Quant Time: Jul 10 10:49:58 2012
Quant Method : C:\msdchem\1\methods\3-1248-070912.M
Quant Title : 1248 06/25/12 03/22/12
QLast Update : Fri Jun 29 18:27:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



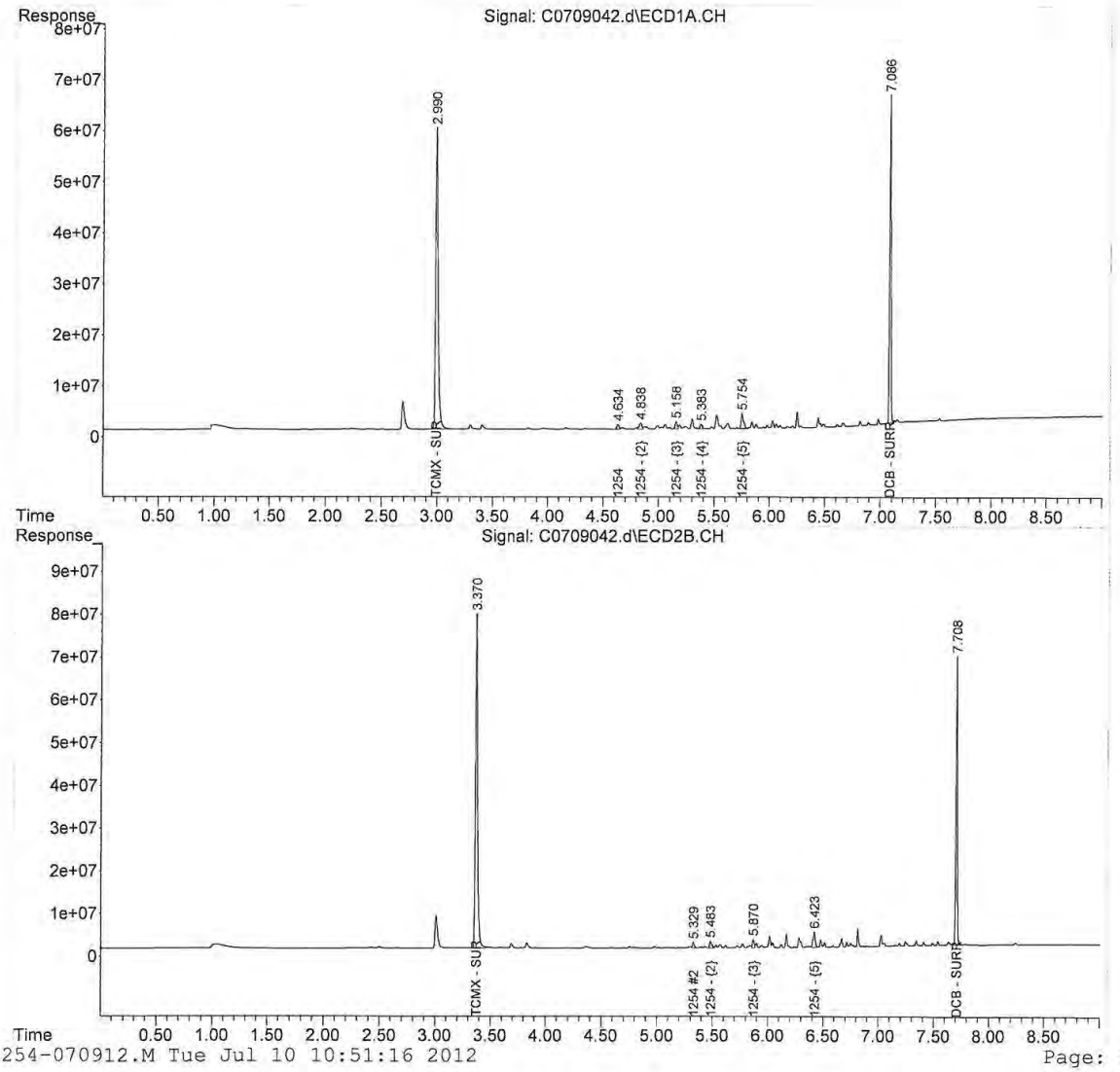
3-1248-070912.M Tue Jul 10 10:50:03 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709042.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 21:07 pm
Operator : JMB
Sample : 12G0085-13@5X Inst : DUAL ECD3
Misc :
ALS Vial : 42 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 10:51:12 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

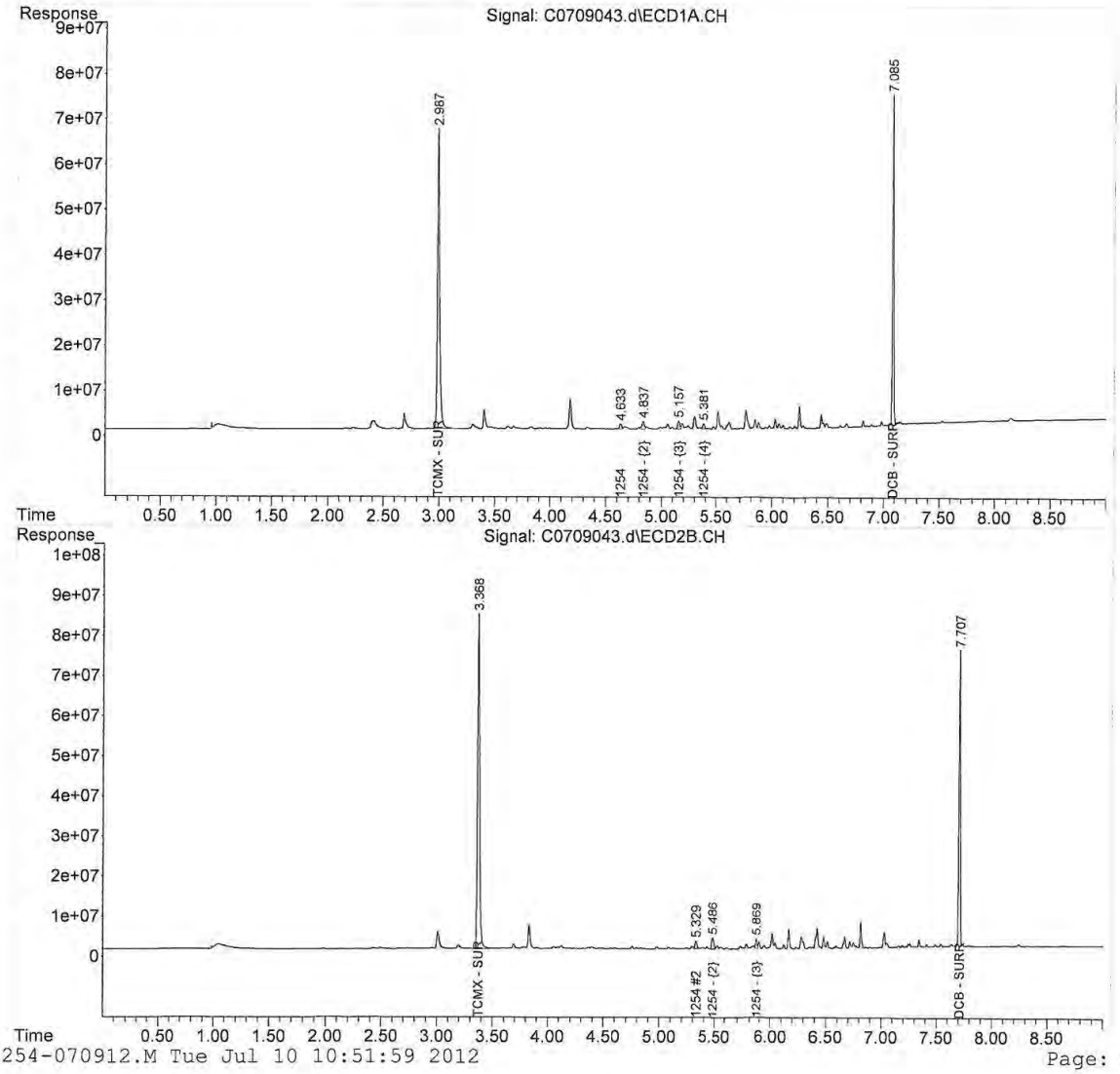


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709043.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 21:20 pm
Operator : JMB
Sample : 12G0085-14@5X Inst : DUAL ECD3
Misc :
ALS Vial : 43 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 10:51:56 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

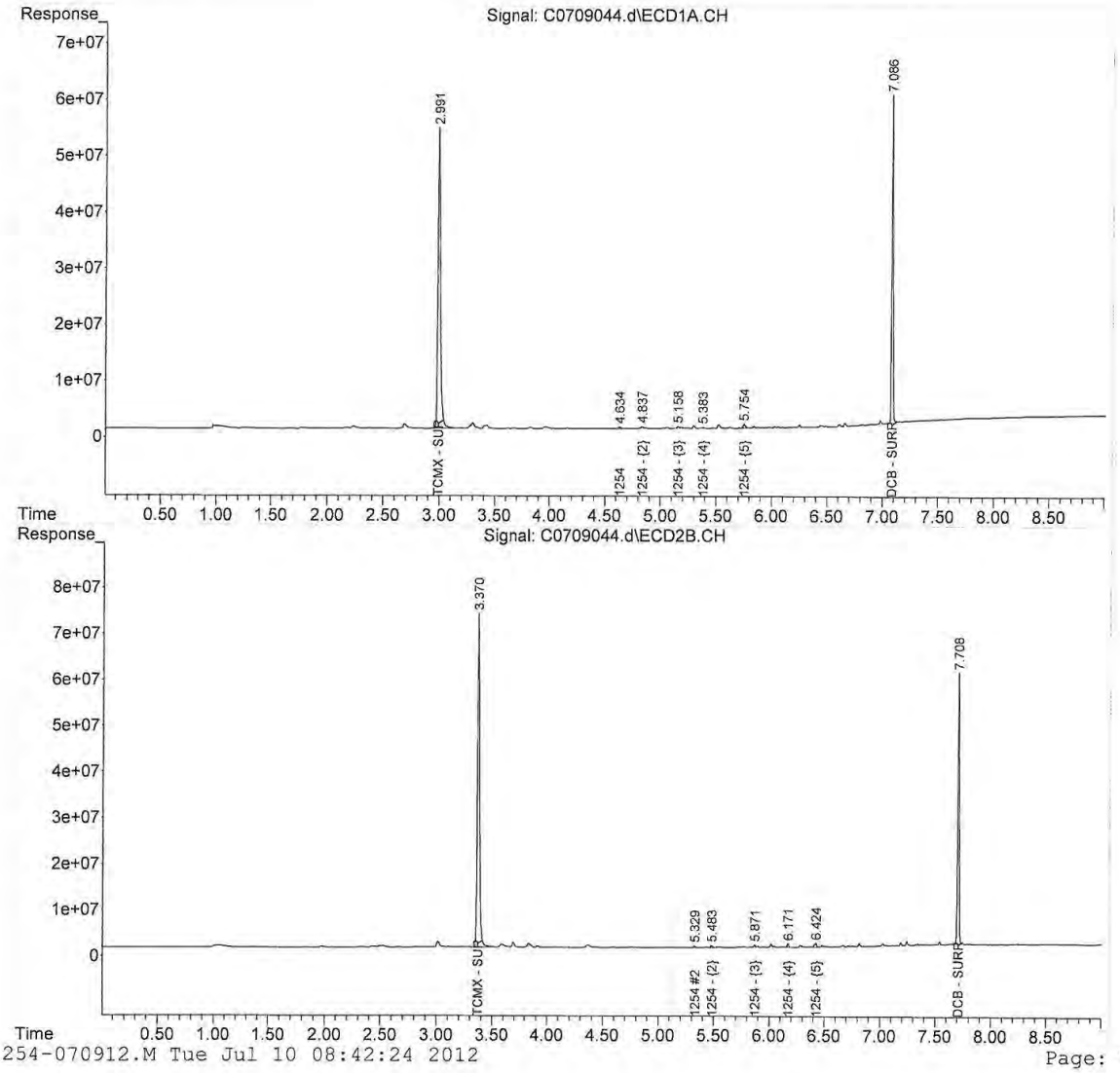


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709044.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 21:33 pm
Operator : JMB
Sample : 12G0085-15@5X Inst : DUAL ECD3
Misc :
ALS Vial : 44 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:42:24 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

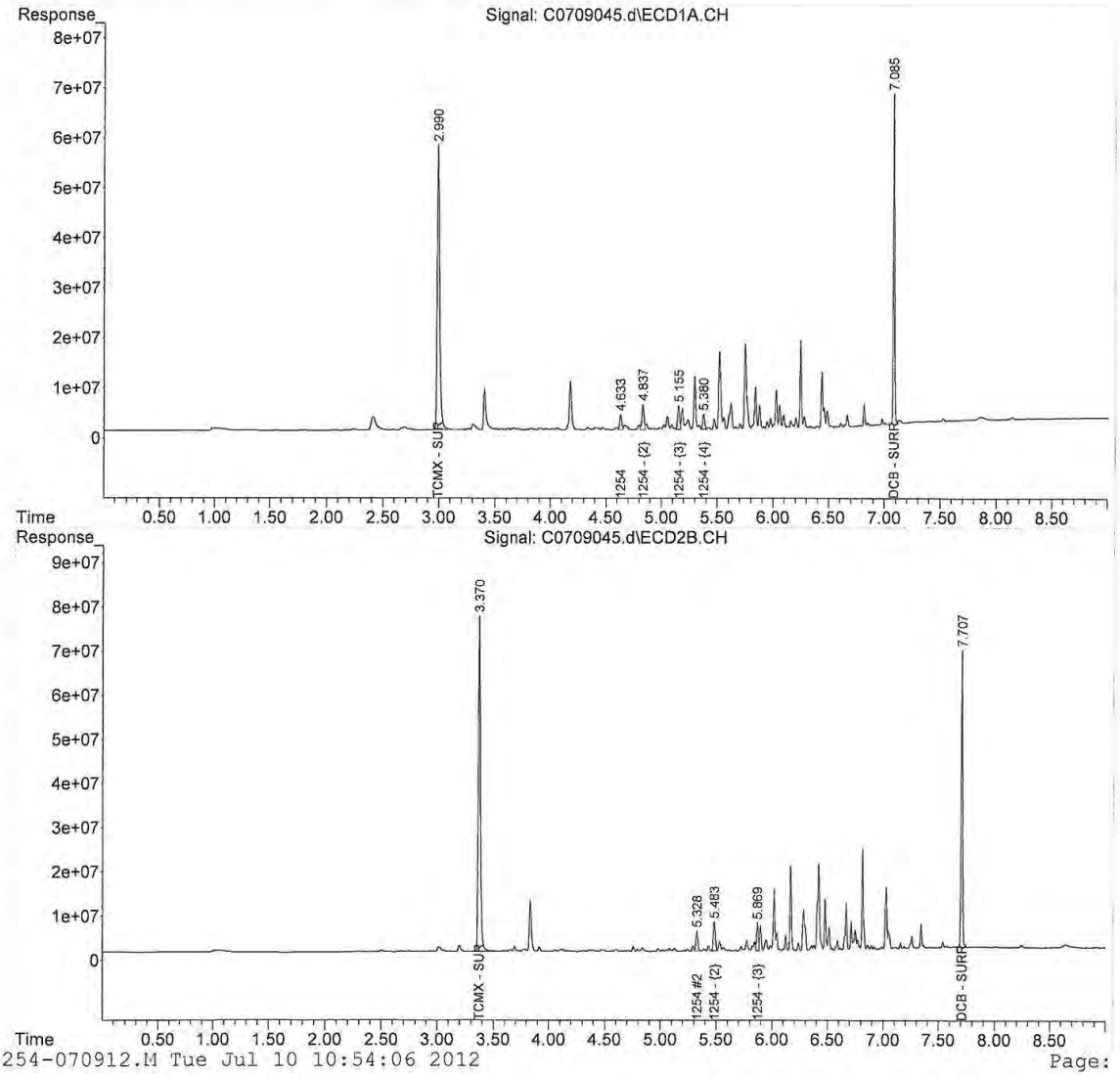


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709045.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 21:46 pm
Operator : JMB
Sample : 12G0085-16@5X Inst : DUAL ECD3
Misc :
ALS Vial : 45 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 10:52:44 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

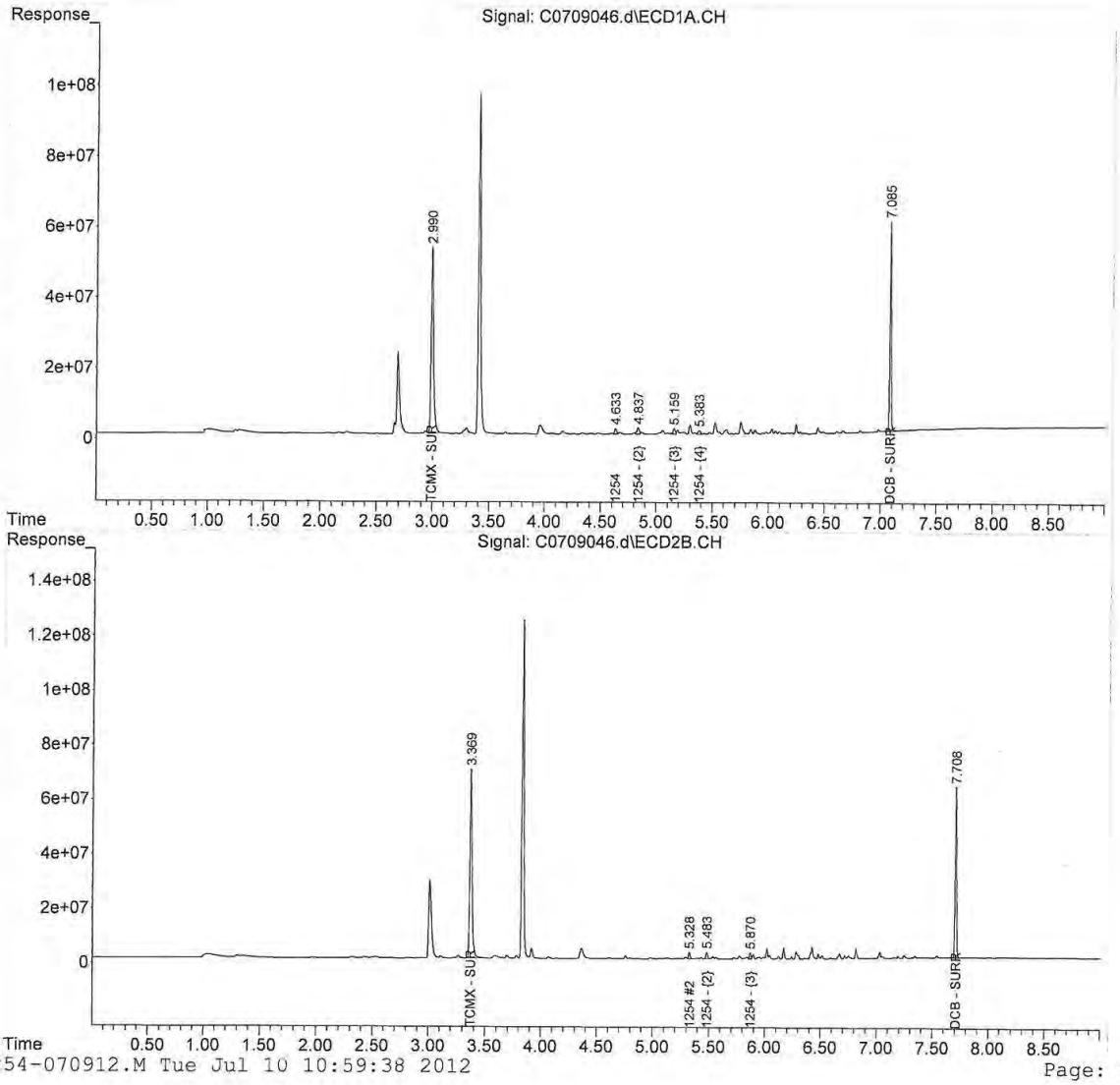


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709046.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 21:59 pm
Operator : JMB
Sample : 12G0085-17@5X Inst : DUAL ECD3
Misc :
ALS Vial : 46 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 10:59:34 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

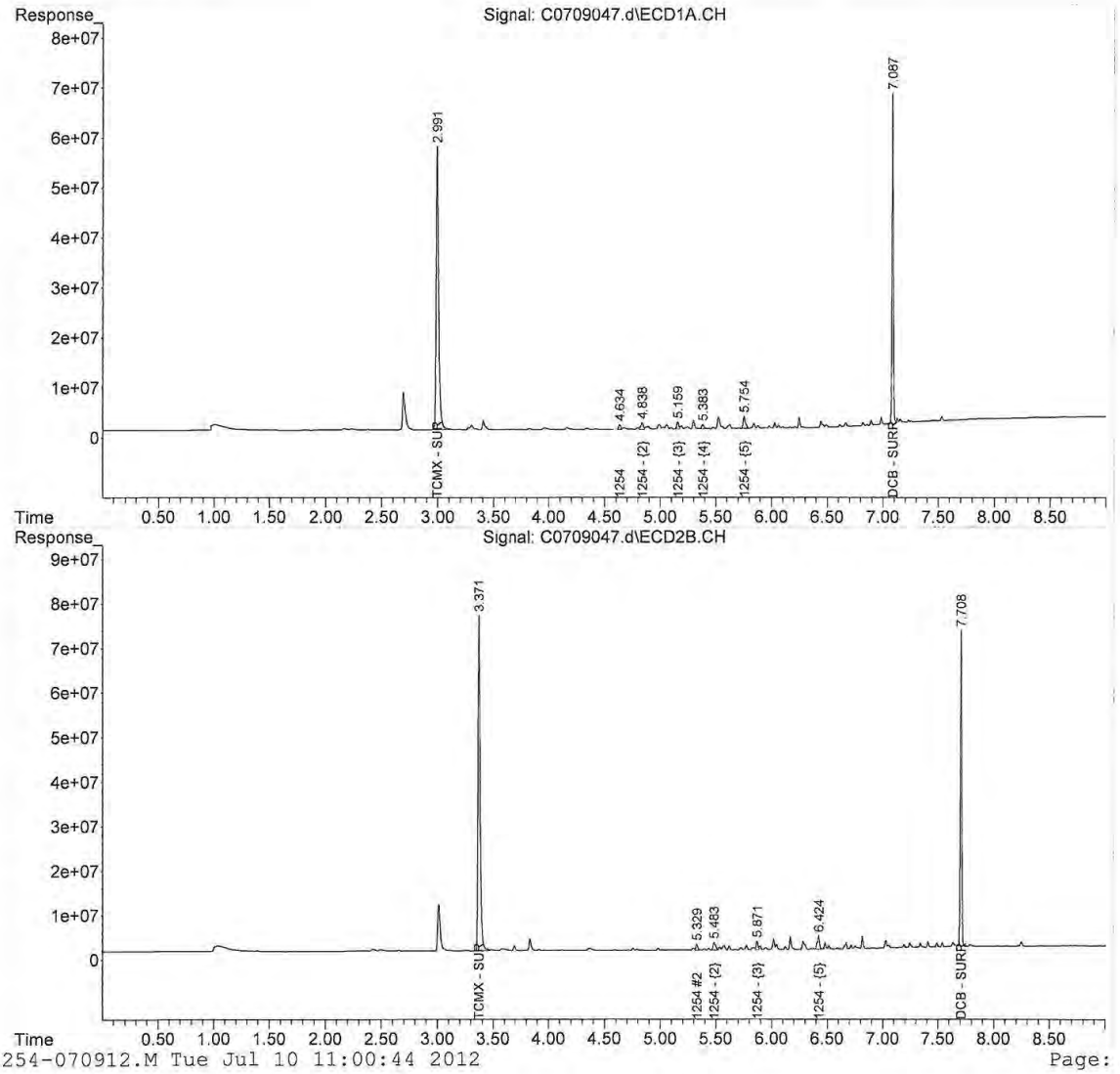


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709047.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 22:12 pm
Operator : JMB
Sample : 12G0085-18@5X Inst : DUAL ECD3
Misc :
ALS Vial : 47 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 11:00:41 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

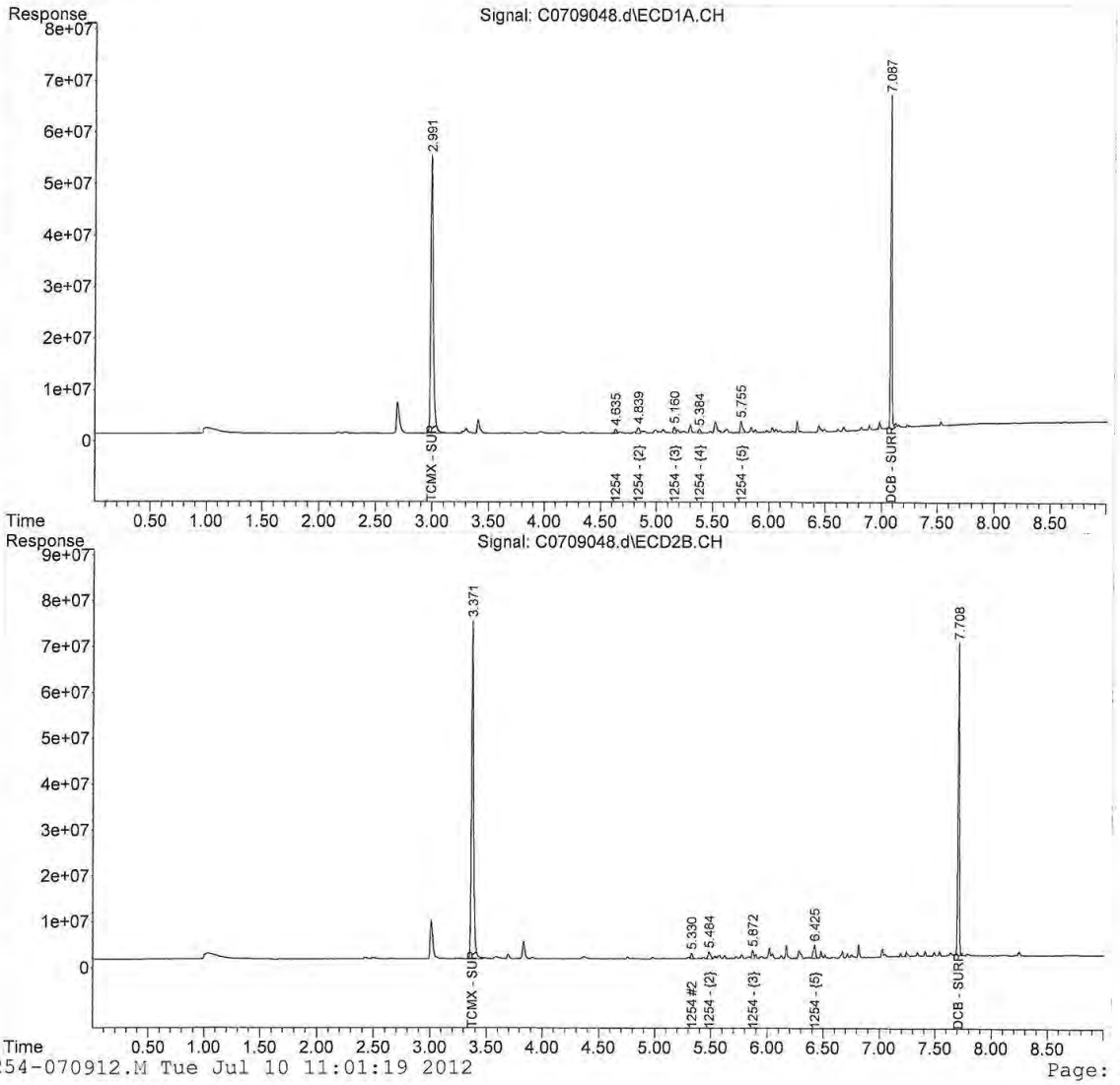


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709048.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 22:25 pm
Operator : JMB
Sample : 12G0085-19@5X Inst : DUAL ECD3
Misc :
ALS Vial : 48 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 11:01:16 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

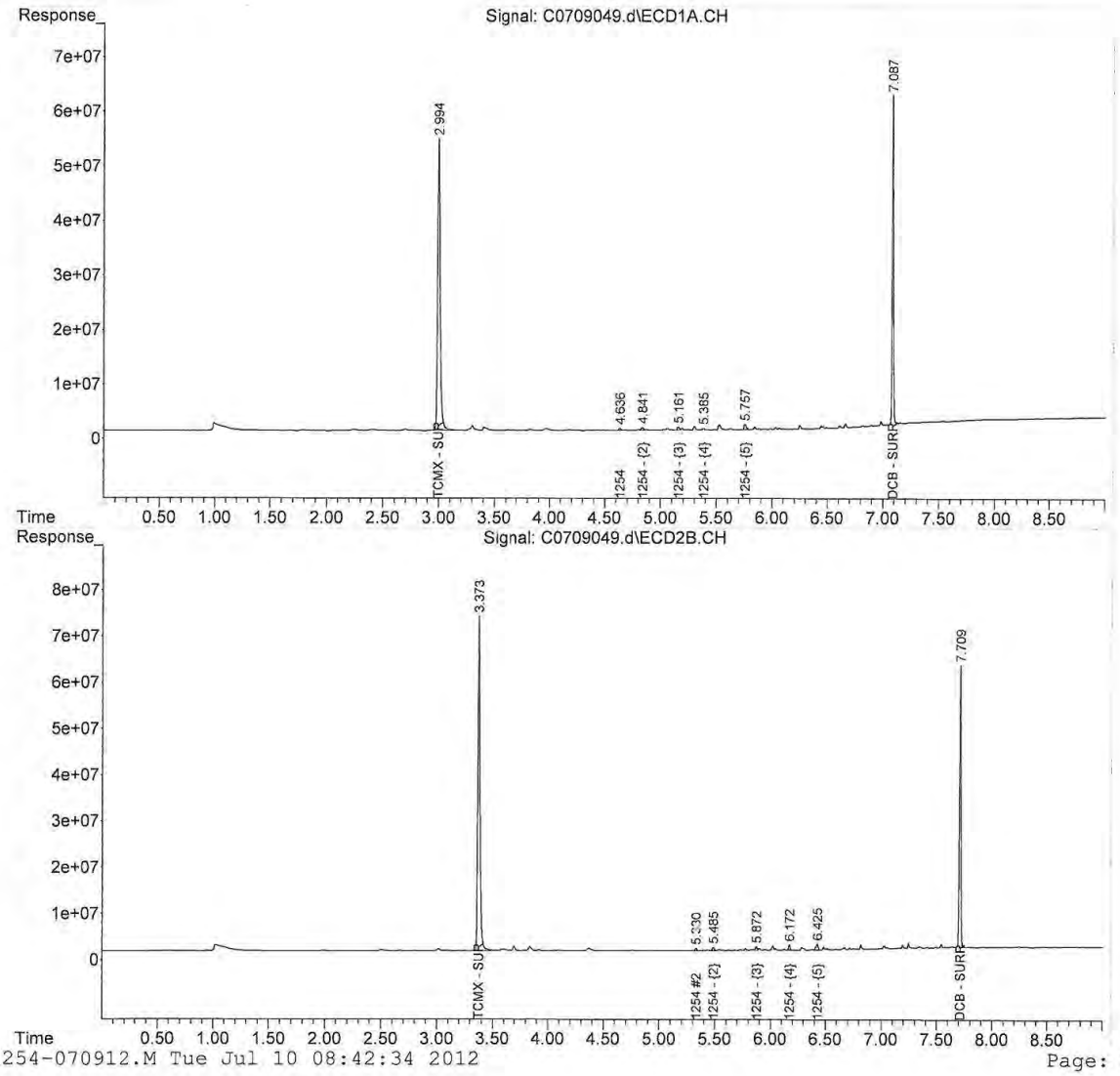


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\070912A\
Data File : C0709049.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2012 22:37 pm
Operator : JMB
Sample : 12G0085-20@5X Inst : DUAL ECD3
Misc :
ALS Vial : 49 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 10 08:42:34 2012
Quant Method : C:\msdchem\1\methods\3-1254-070912.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

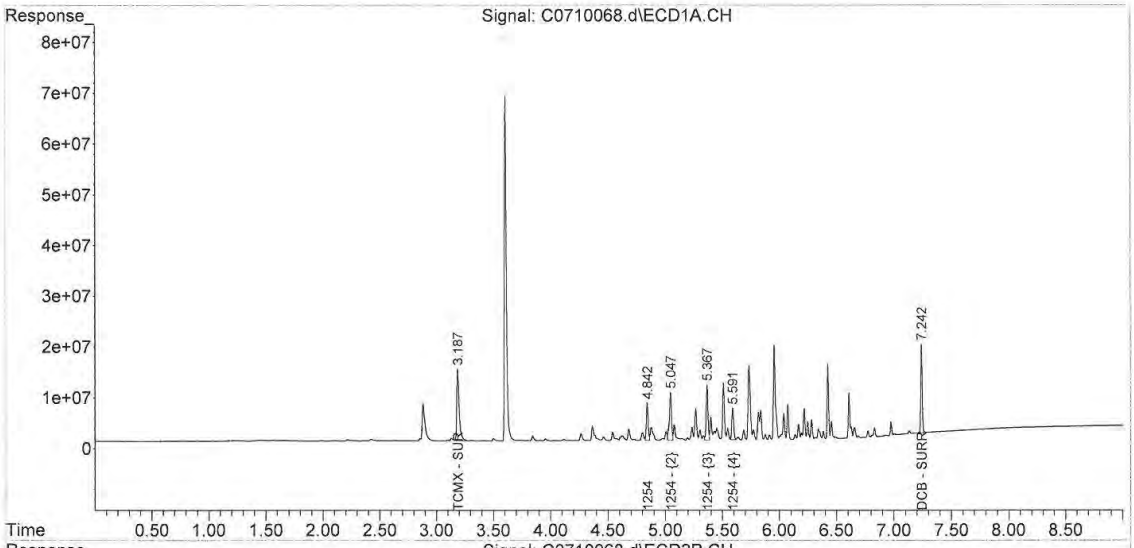


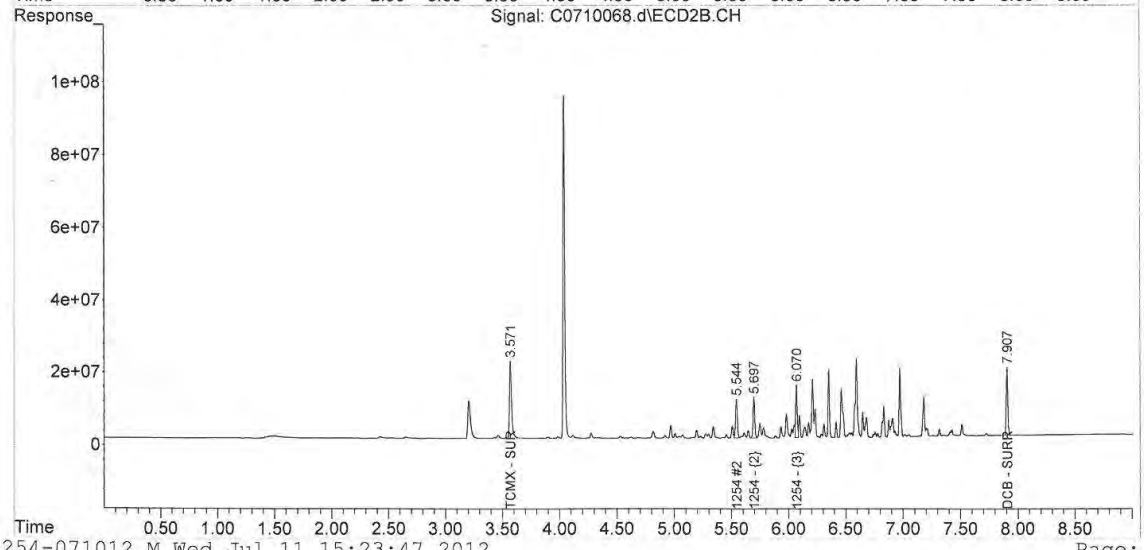
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710068.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 9:40 am
Operator : JMB
Sample : 12G0085-08@20X Inst : DUAL ECD3
Misc :
ALS Vial : 68 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 11 15:23:43 2012
Quant Method : C:\msdchem\1\methods\3-1254-071012.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



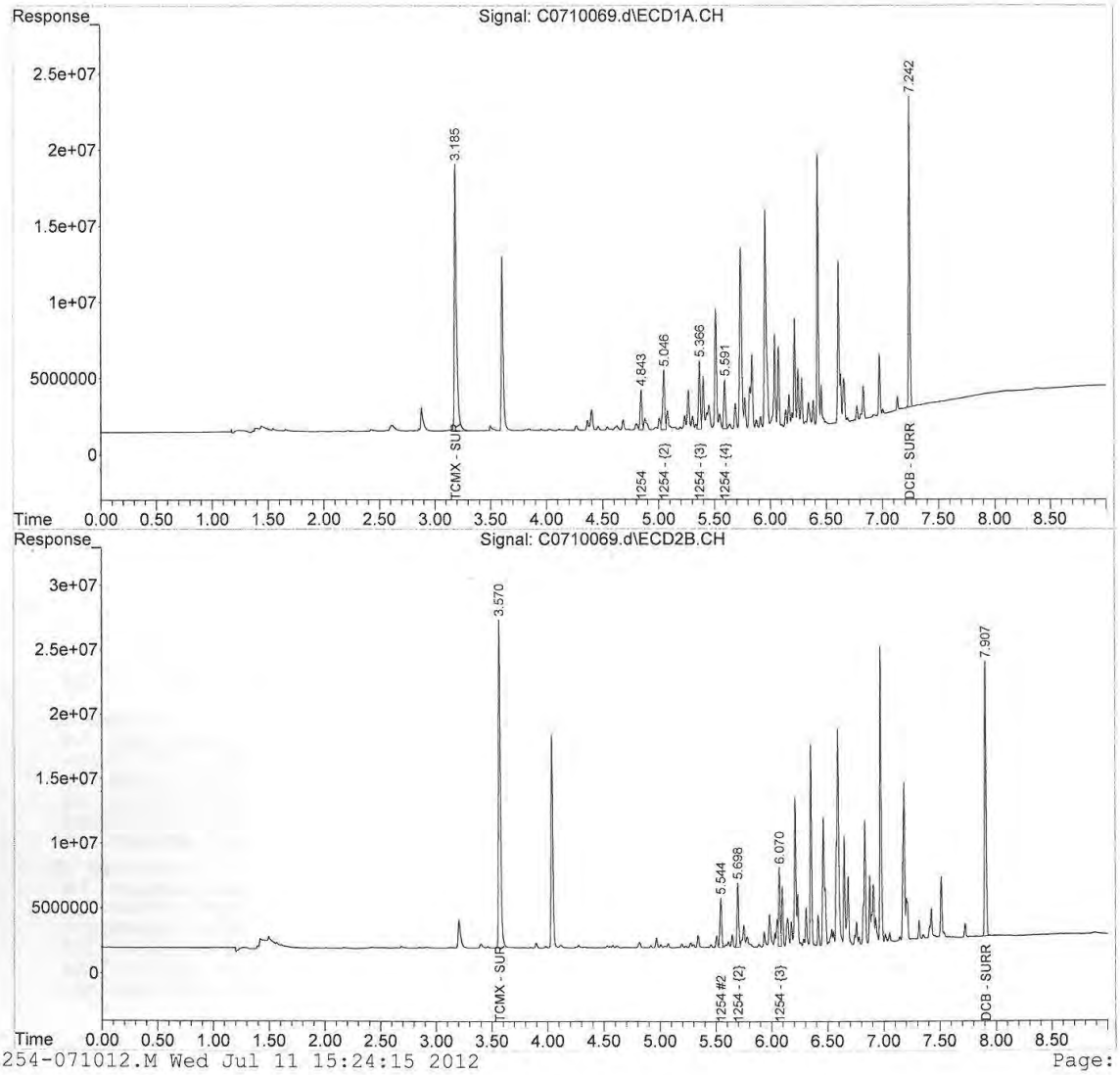


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710069.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 9:53 am
Operator : JMB
Sample : 12G0085-12@20X Inst : DUAL ECD3
Misc :
ALS Vial : 69 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 11 15:24:12 2012
Quant Method : C:\msdchem\1\methods\3-1254-071012.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

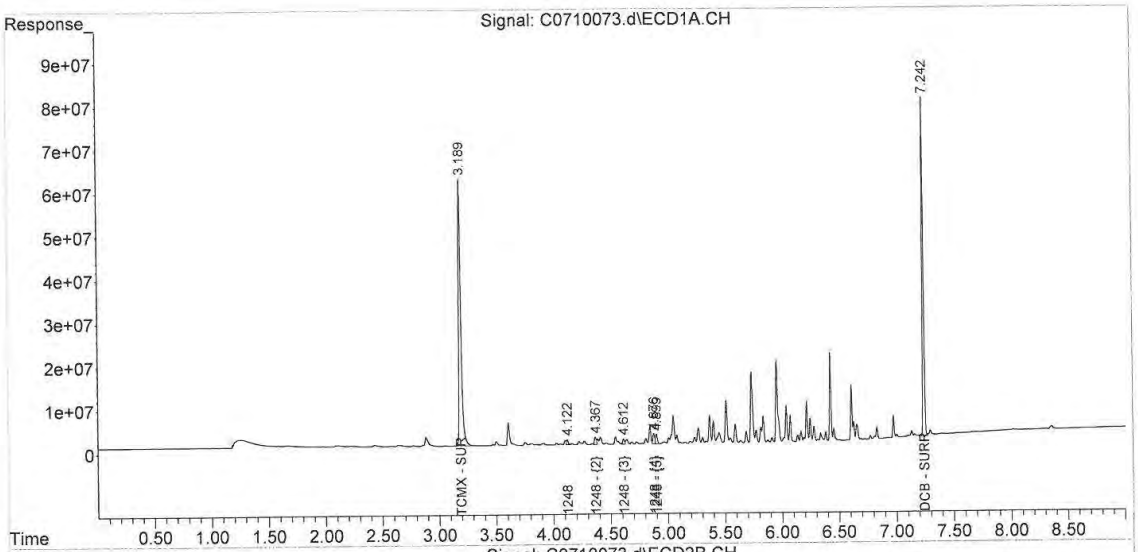


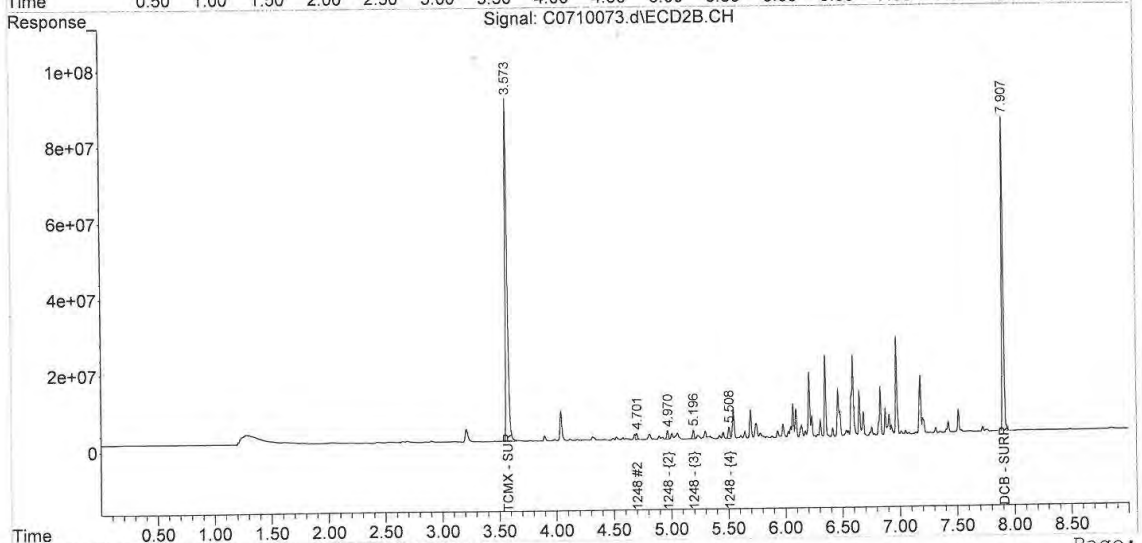
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710073.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 10:47 am
Operator : JMB
Sample : 12G0085-34@5X TBA Inst : DUAL ECD3
Misc :
ALS Vial : 73 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1248.E
Integration File signal 2: B-1248.E
Quant Time: Jul 11 15:31:10 2012
Quant Method : C:\msdchem\1\methods\3-1248-071012.M
Quant Title : 1248 06/25/12 03/22/12
QLast Update : Fri Jun 29 18:27:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



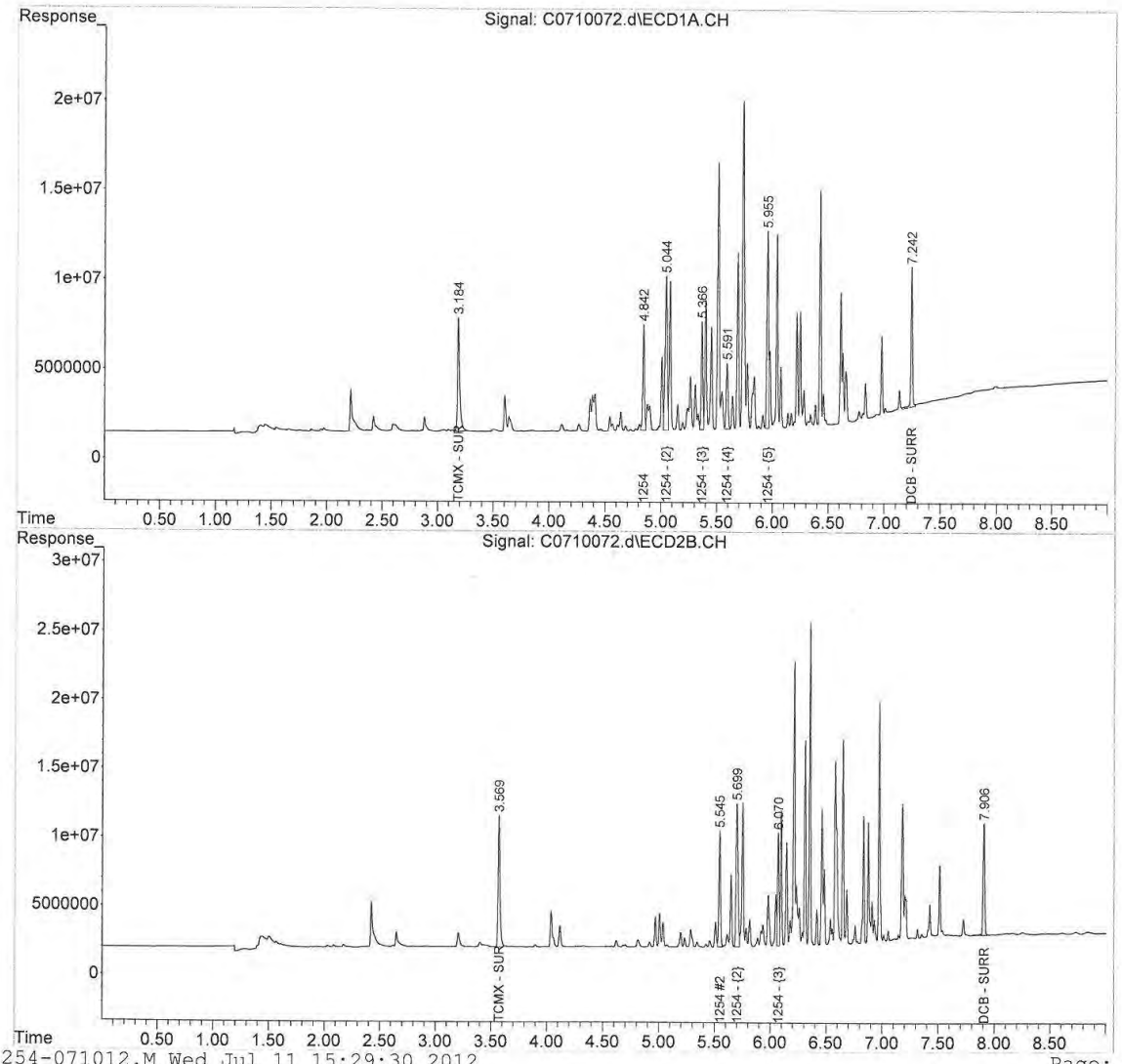


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710072.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 10:34 am
Operator : JMB
Sample : 12G0085-30@50X Inst : DUAL ECD3
Misc :
ALS Vial : 72 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 11 15:29:26 2012
Quant Method : C:\msdchem\1\methods\3-1254-071012.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

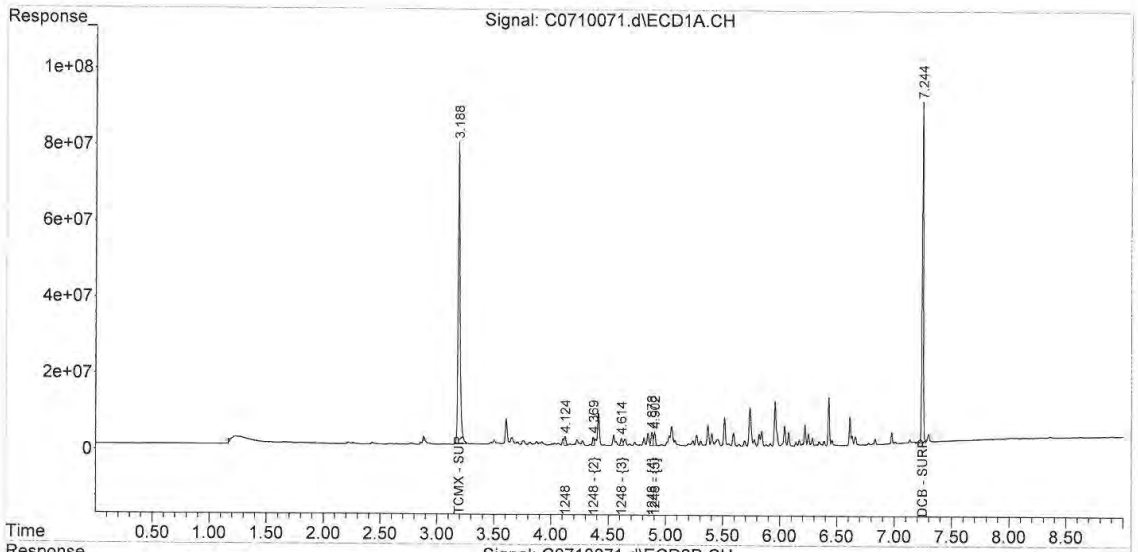


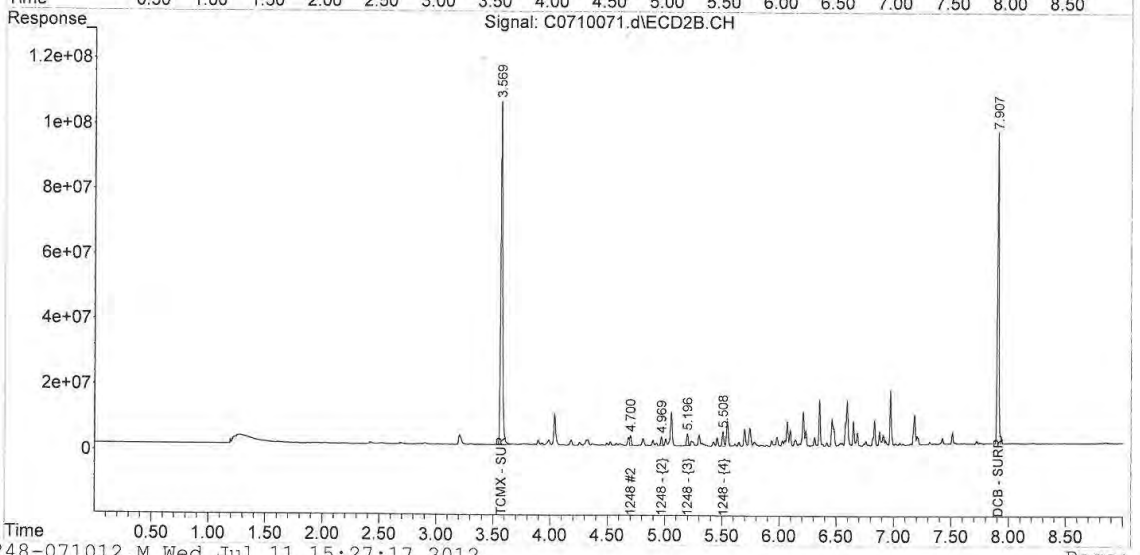
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710071.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 10:21 am
Operator : JMB
Sample : 12G0085-29@5X TBA Inst : DUAL ECD3
Misc :
ALS Vial : 71 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1248.E
Integration File signal 2: B-1248.E
Quant Time: Jul 11 15:27:12 2012
Quant Method : C:\msdchem\1\methods\3-1248-071012.M
Quant Title : 1248 06/25/12 03/22/12
QLast Update : Fri Jun 29 18:27:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



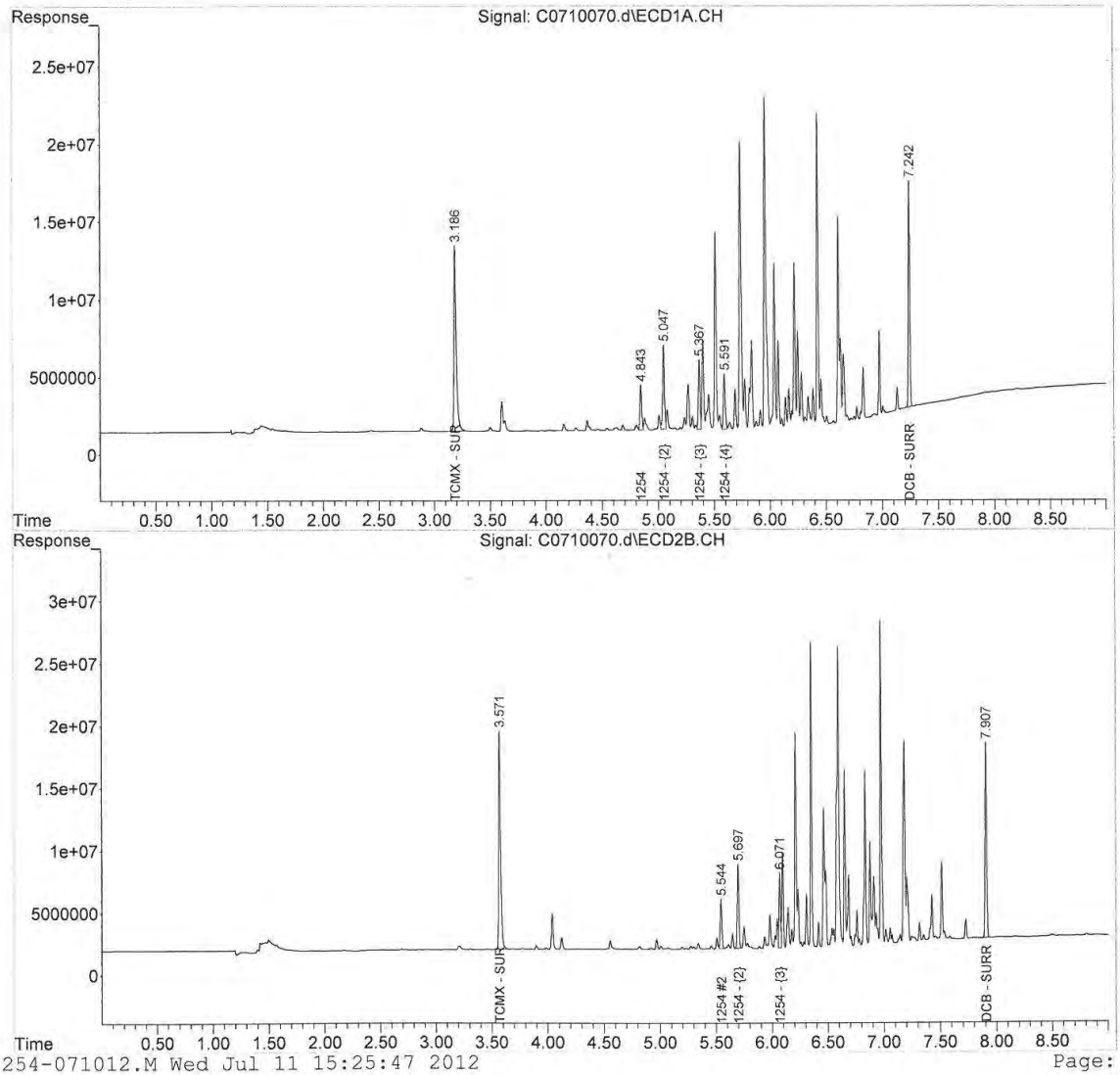


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710070.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 10:06 am
Operator : JMB
Sample : 12G0085-21@25X Inst : DUAL ECD3
Misc :
ALS Vial : 70 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Jul 11 15:25:42 2012
Quant Method : C:\msdchem\1\methods\3-1254-071012.M
Quant Title : 1254 06/25/12 06/13/12
QLast Update : Fri Jun 29 18:26:49 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

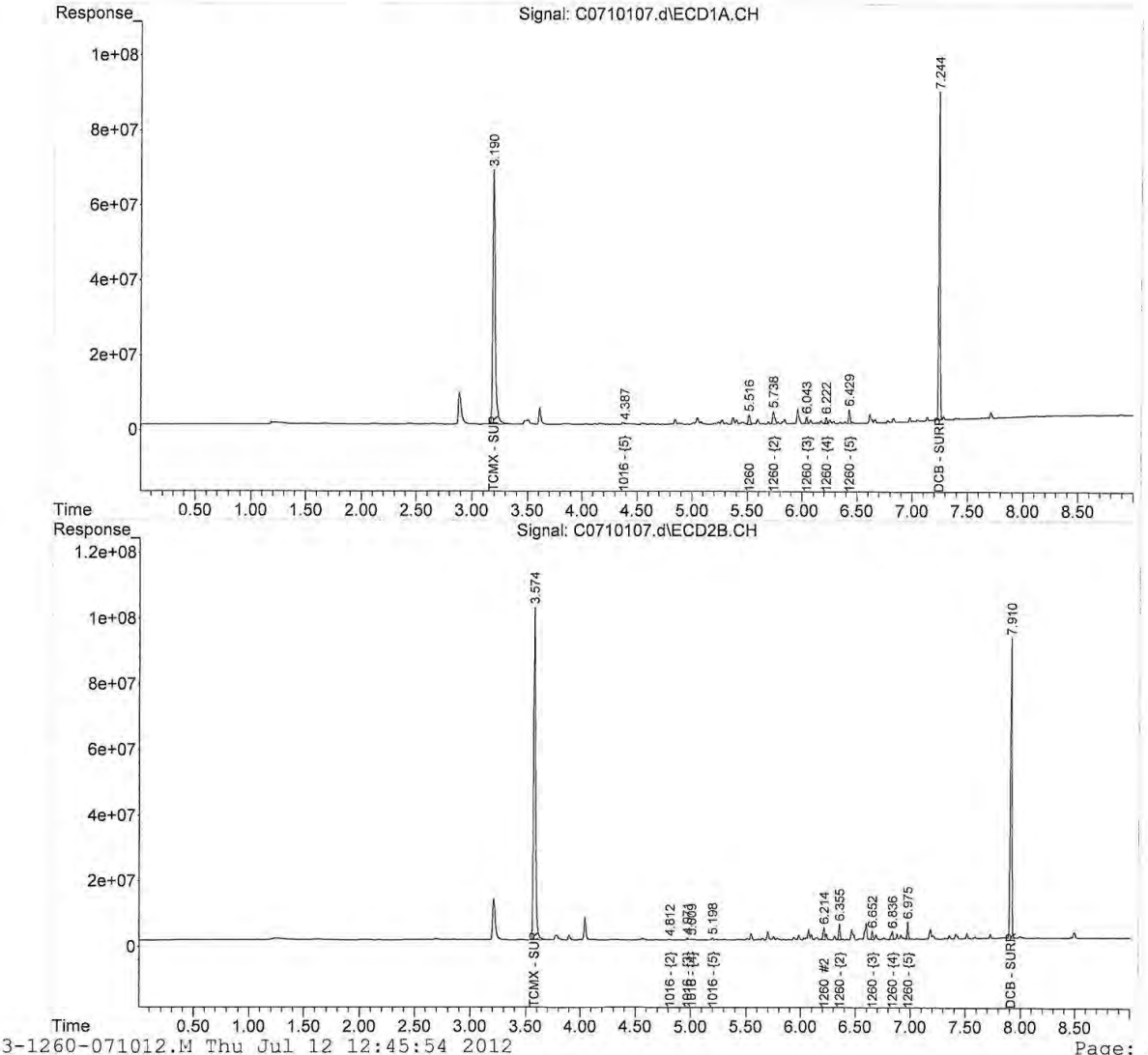


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710107.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 18:10 pm
Operator : JMB
Sample : 12G0085-31@5X Inst : DUAL ECD3
Misc :
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:01 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

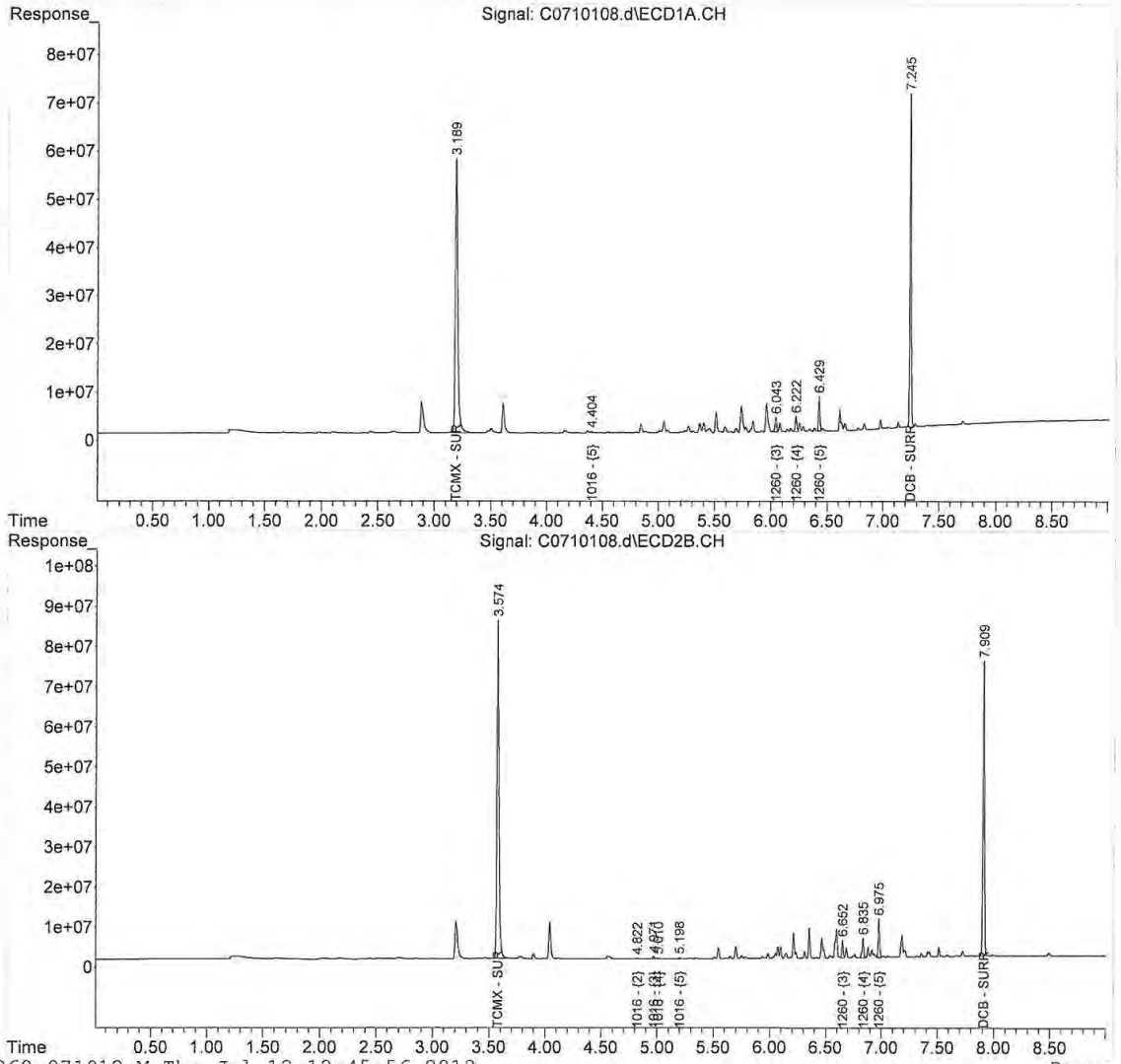


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710108.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 18:23 pm
Operator : JMB
Sample : 12G0085-32@5X Inst : DUAL ECD3
Misc :
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 11:24:11 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

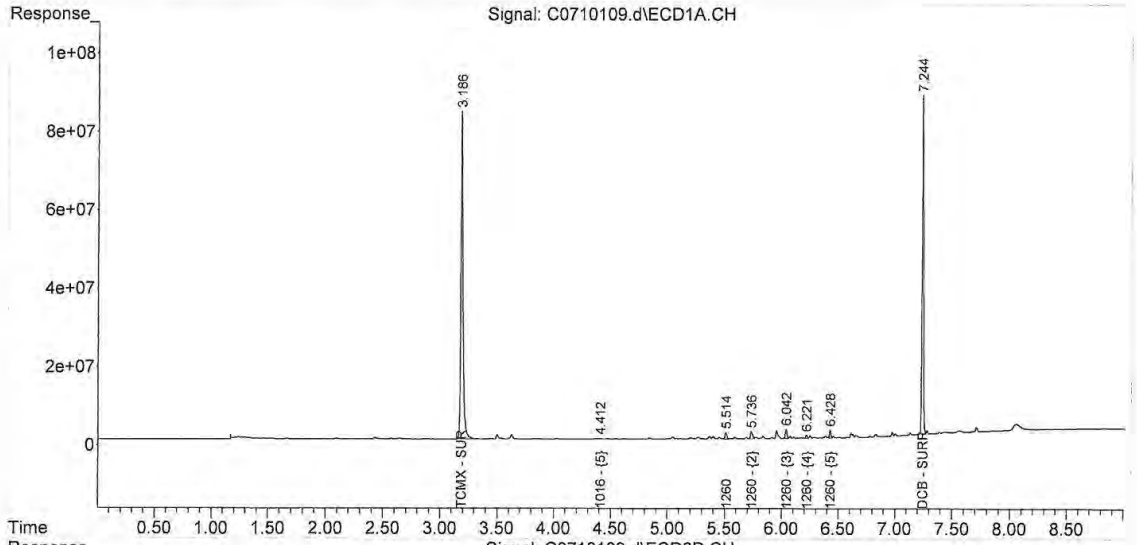


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710109.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 18:36 pm
Operator : JMB
Sample : 12G0085-33@5X Inst : DUAL ECD3
Misc :
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:05 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

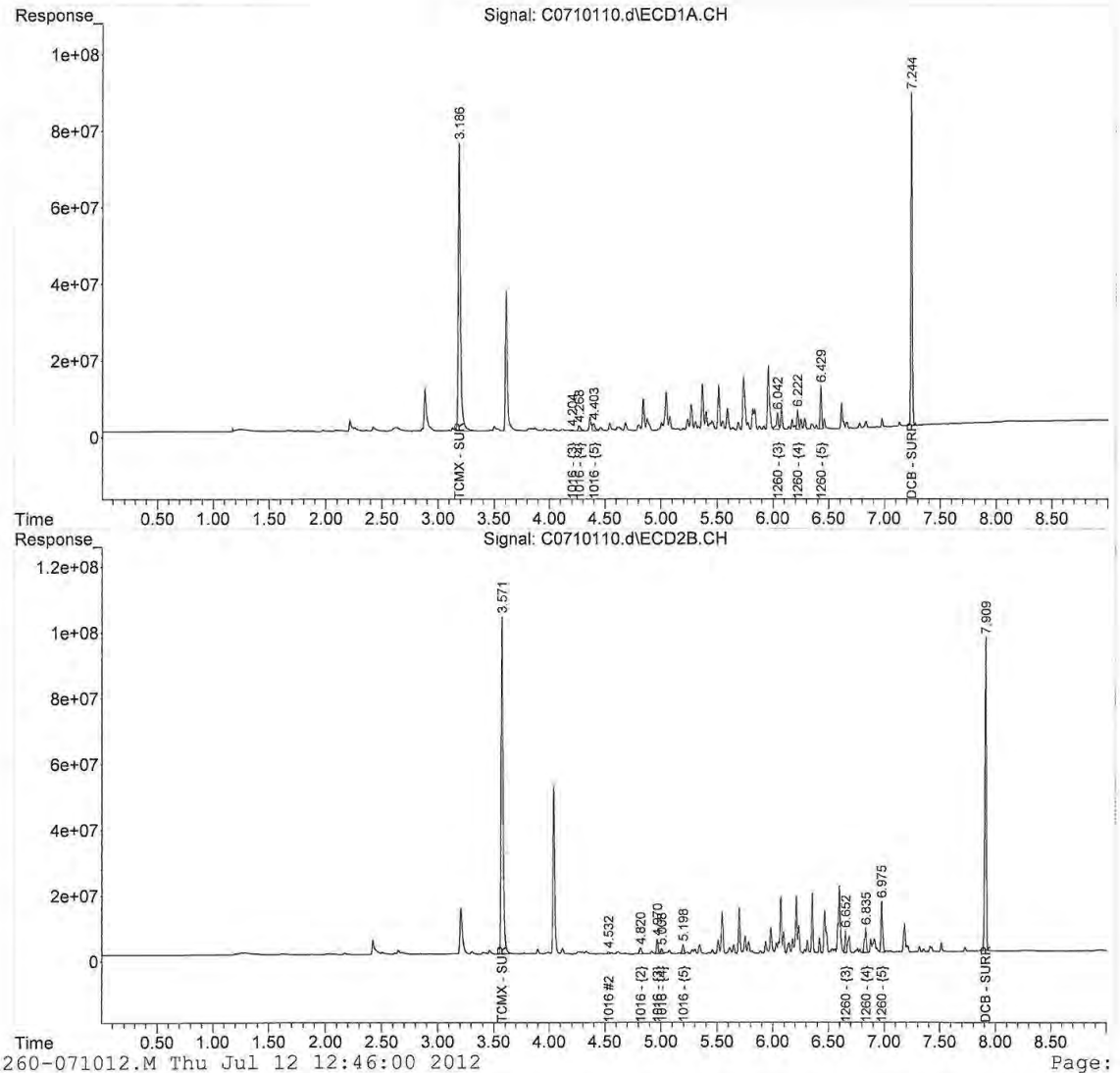


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710110.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 18:49 pm
Operator : JMB
Sample : 12G0085-35@5X Inst : DUAL ECD3
Misc :
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 11:27:07 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

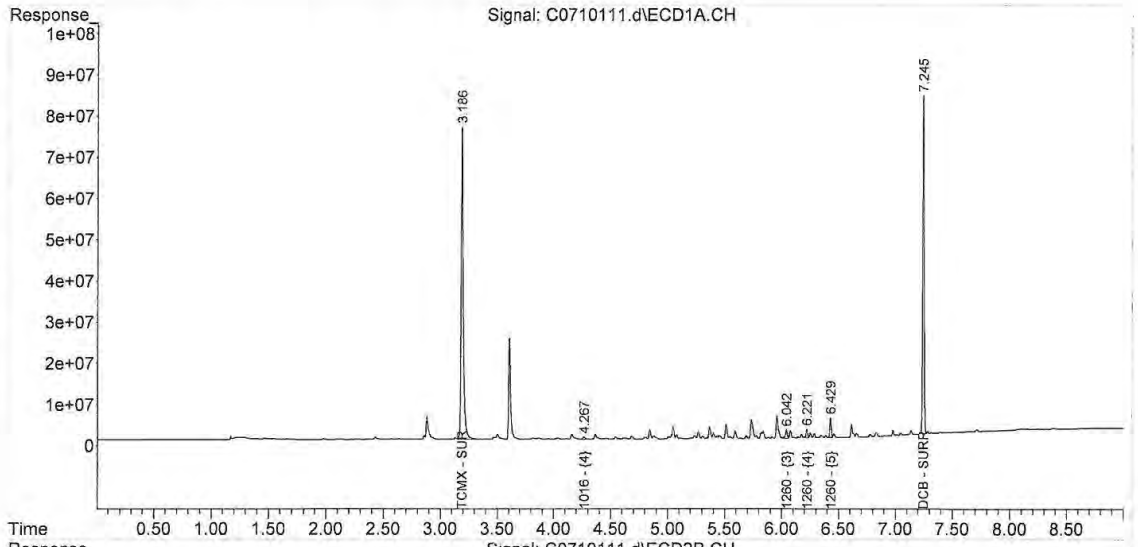


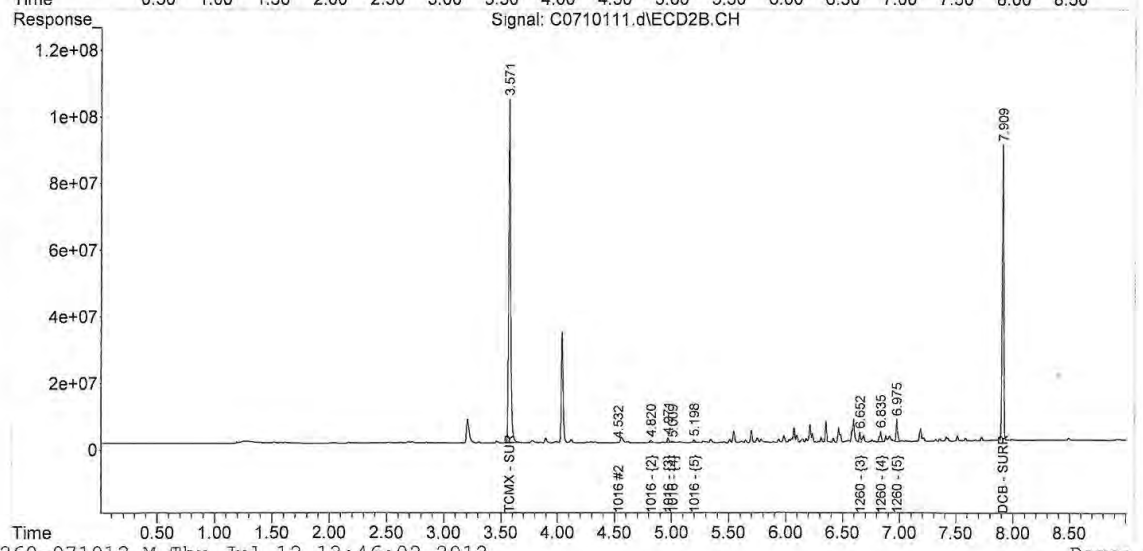
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710111.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 19:02 pm
Operator : JMB
Sample : 12G0085-36@5X Inst : DUAL ECD3
Misc :
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 11:28:33 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



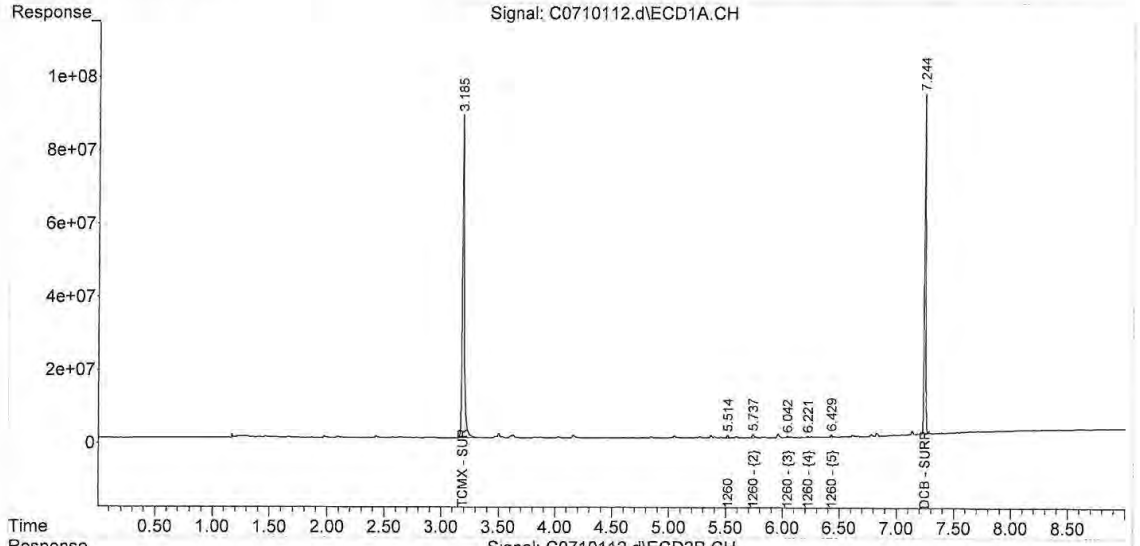


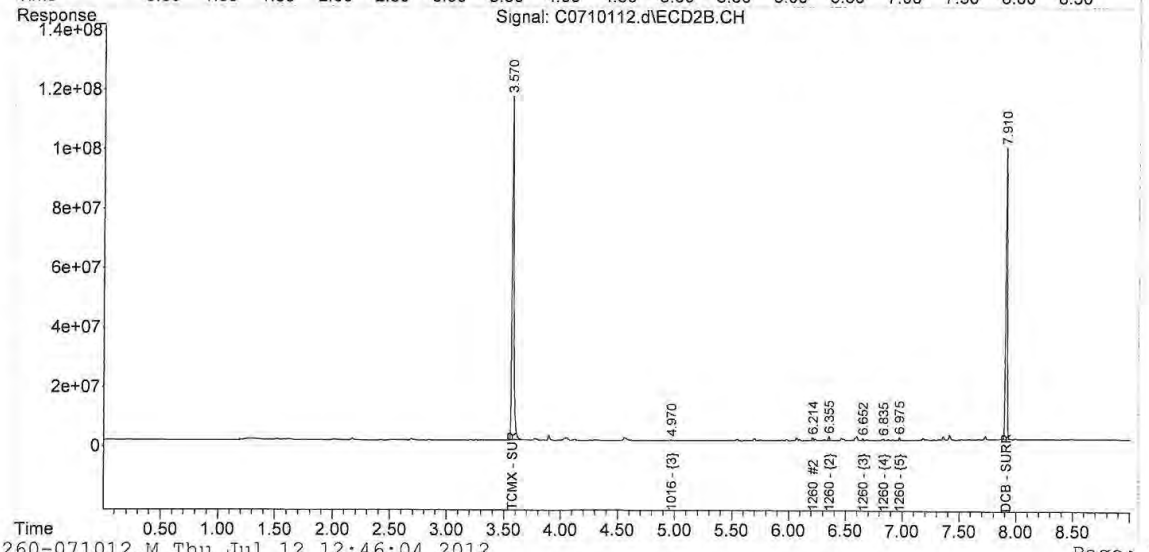
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710112.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 19:15 pm
Operator : JMB
Sample : 12G0085-37@5X Inst : DUAL ECD3
Misc :
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:11 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



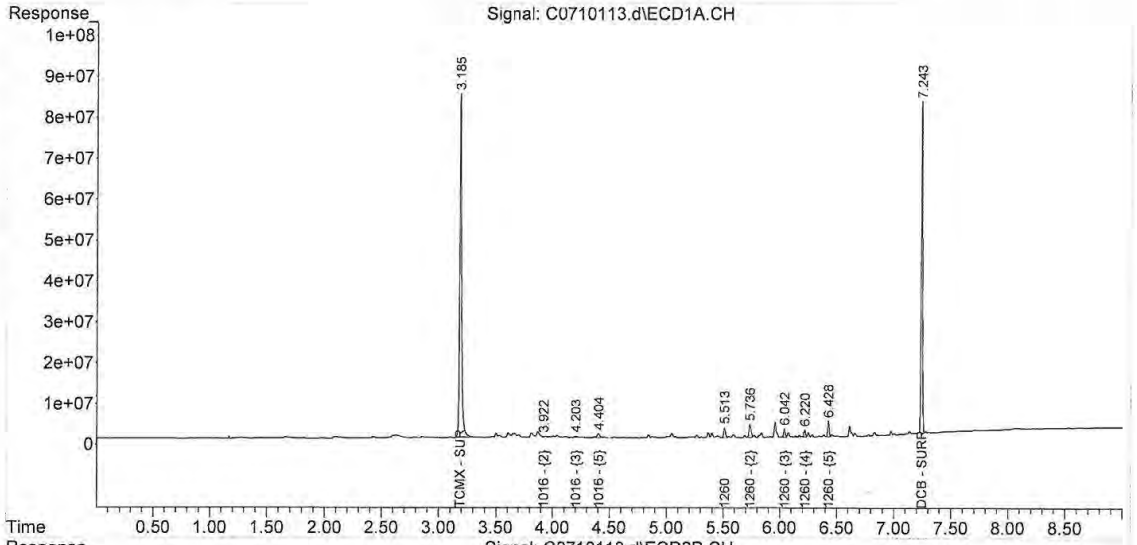


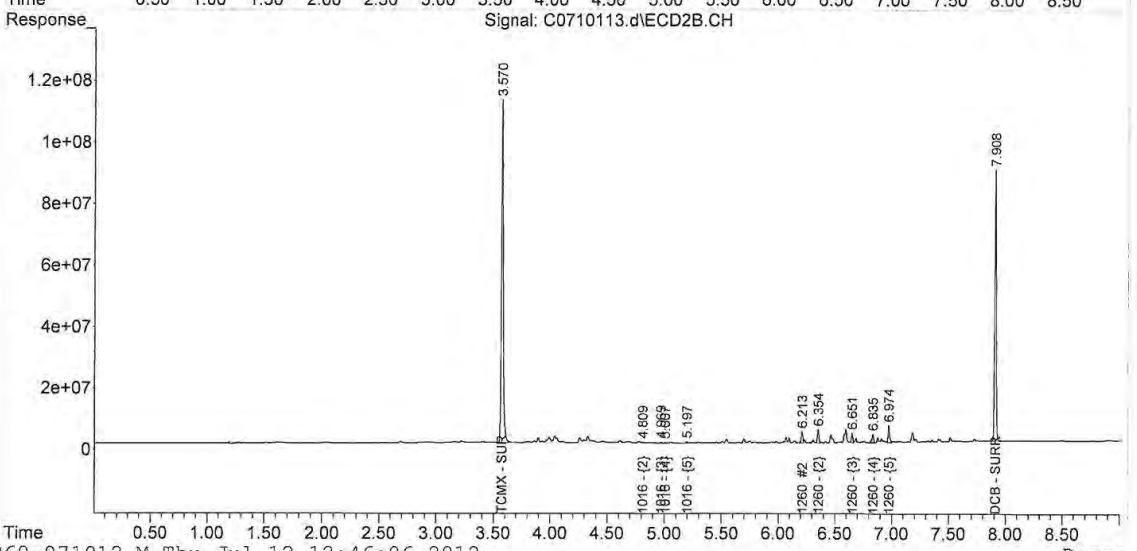
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710113.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 19:28 pm
Operator : JMB
Sample : 12G0085-38@5X Inst : DUAL ECD3
Misc :
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:13 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



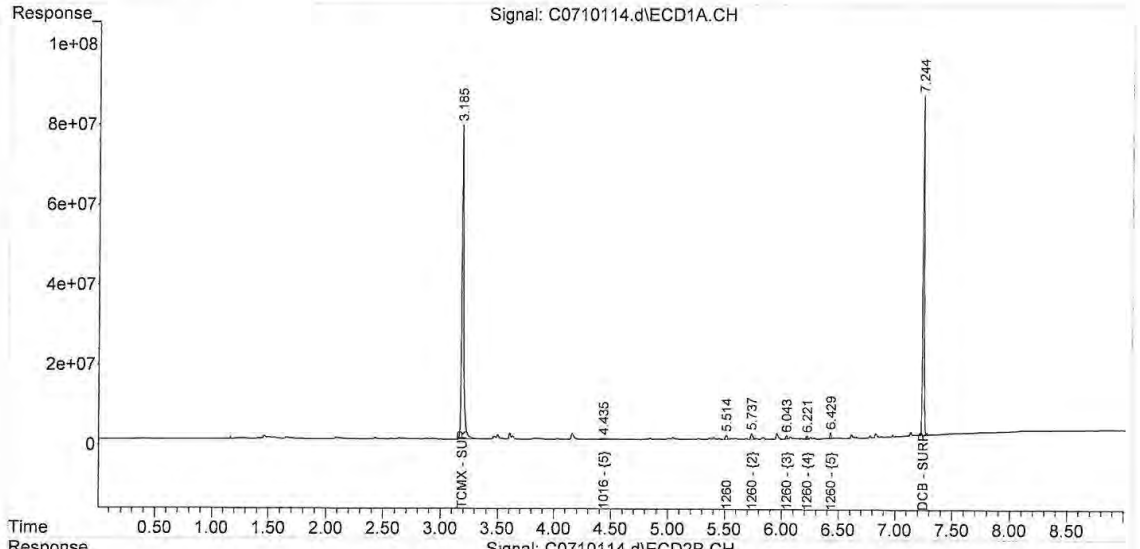


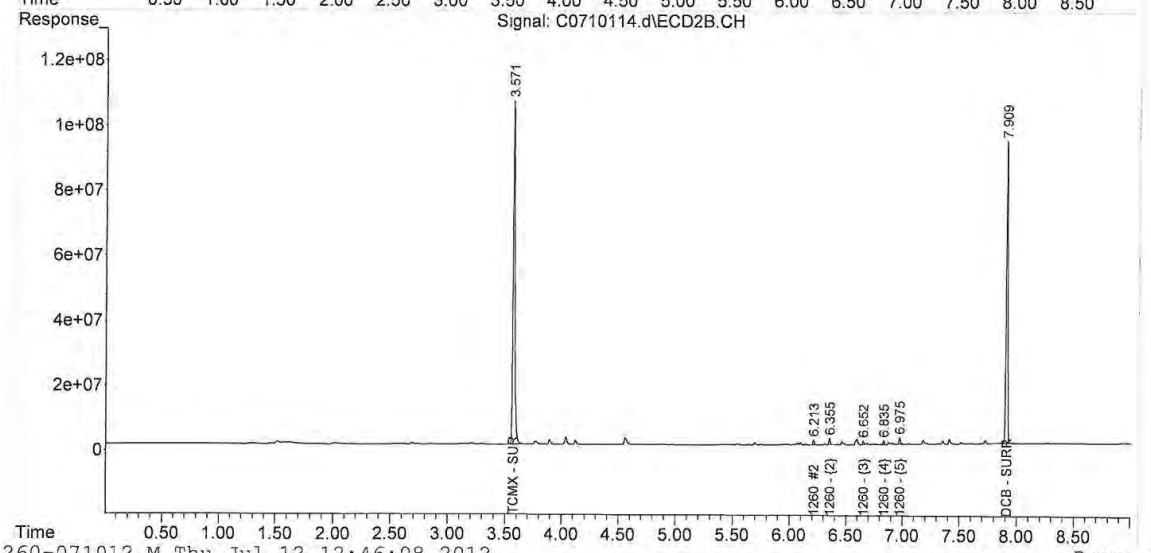
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710114.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 19:40 pm
Operator : JMB
Sample : 12G0085-39@5X Inst : DUAL ECD3
Misc :
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:15 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



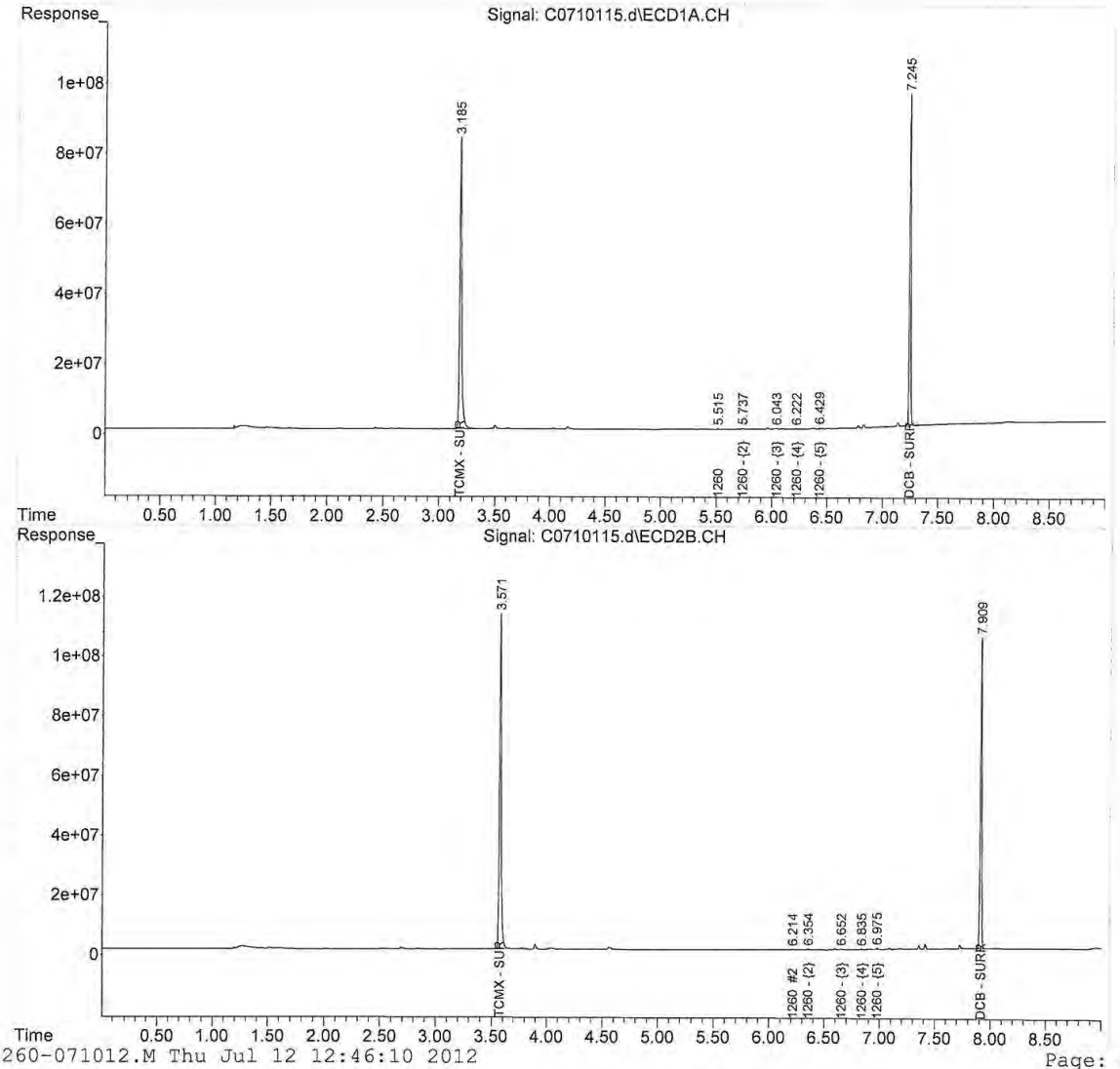


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710115.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 19:53 pm
Operator : JMB
Sample : 12G0085-40@5X Inst : DUAL ECD3
Misc :
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:17 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



3-1260-071012.M Thu Jul 12 12:46:10 2012 Page: 2

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond (Berlin, CT)

Project Number: 12G0085

Laboratory Sample ID(s):

12G0085-01 thru 12G0085-40

Sample Date(s):

06/29/2012,
07/02/2012

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: Michael A. Erickson **Date:** 07/12/12

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 16, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond-NUSCO
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0258

Enclosed are results of analyses for samples received by the laboratory on July 10, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/16/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0258

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond-NUSCO

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B28-1 0.5-1ft	12G0258-01	Soil		SM 2540G	
				SW-846 8082A	
B28-2 2.5-3ft	12G0258-02	Soil		SM 2540G	
				SW-846 8082A	
B28-4 6.5-7ft	12G0258-03	Soil		SM 2540G	
				SW-846 8082A	
B28-5 8.5-9ft	12G0258-04	Soil		SM 2540G	
				SW-846 8082A	
B39-3 5-5.5ft	12G0258-05	Soil		SM 2540G	
				SW-846 8082A	
B39-5 9-9.5ft	12G0258-06	Soil		SM 2540G	
				SW-846 8082A	
B66-3 5.5-6.0ft	12G0258-07	Soil		SM 2540G	
				SW-846 8082A	
B52-1 0.5-1.0ft	12G0258-08	Soil		SM 2540G	
				SW-846 8082A	
B52-2 2.5-3.0ft	12G0258-09	Soil		SM 2540G	
				SW-846 8082A	
B52-3 4.5-5.0ft	12G0258-10	Soil		SM 2540G	
				SW-846 8082A	
B52-4 6.5-7.0ft	12G0258-11	Soil		SM 2540G	
				SW-846 8082A	
B52-5 8.5-9.0ft	12G0258-12	Soil		SM 2540G	
				SW-846 8082A	
B75-4 6.0-6.5ft	12G0258-13	Soil		SM 2540G	
				SW-846 8082A	
B75-5 8.0-8.5ft	12G0258-14	Soil		SM 2540G	
				SW-846 8082A	
B16-3 5.5-6.0ft	12G0258-15	Soil		SM 2540G	
				SW-846 8082A	
B16-4 7.5-8.0ft	12G0258-16	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]

B054787-MS1, B054787-MSD1

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C]

B054787-MS1, B054787-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12G0258-01[B28-1 0.5-1ft], 12G0258-02[B28-2 2.5-3ft], 12G0258-09[B52-2 2.5-3.0ft], 12G0258-10[B52-3 4.5-5.0ft], 12G0258-11[B52-4 6.5-7.0ft], 12G0258-12[B52-5 8.5-9.0ft], 12G0258-16[B16-4 7.5-8.0ft]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-1 0.5-1ft Sampled: 6/27/2012 10:30

Sample ID: 12G0258-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1254 [2]	7.6	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1260 [2]	16	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 19:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 19:53
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 19:53
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 19:53
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 19:53

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-1 0.5-1ft | Sampled: 6/27/2012 10:30

Sample ID: 12G0258-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-2 2.5-3ft Sampled: 6/27/2012 10:40

Sample ID: 12G0258-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1254 [1]	10	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1260 [2]	18	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/10/12	7/13/12 20:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 20:06
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 20:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 20:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 20:06

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-2 2.5-3ft | Sampled: 6/27/2012 10:40

Sample ID: 12G0258-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-4 6.5-7ft | Sampled: 6/27/2012 11:00

Sample ID: 12G0258-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1254 [2]	0.13	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1260 [2]	0.12	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/13/12 20:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		7/13/12 20:19
Decachlorobiphenyl [2]	109	30-150		7/13/12 20:19
Tetrachloro-m-xylene [1]	93.8	30-150		7/13/12 20:19
Tetrachloro-m-xylene [2]	93.4	30-150		7/13/12 20:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-4 6.5-7ft | Sampled: 6/27/2012 11:00

Sample ID: 12G0258-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-5 8.5-9ft Sampled: 6/27/2012 11:10

Sample ID: 12G0258-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1254 [1]	0.14	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 3:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.6	30-150		7/12/12 3:53
Decachlorobiphenyl [2]	104	30-150		7/12/12 3:53
Tetrachloro-m-xylene [1]	96.5	30-150		7/12/12 3:53
Tetrachloro-m-xylene [2]	91.0	30-150		7/12/12 3:53

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B28-5 8.5-9ft | Sampled: 6/27/2012 11:10

Sample ID: 12G0258-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.8		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B39-3 5-5.5ft Sampled: 6/27/2012 13:12

Sample ID: 12G0258-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1254 [1]	0.34	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1260 [2]	0.64	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	88.6	30-150				7/12/12 4:06	
Decachlorobiphenyl [2]	103	30-150				7/12/12 4:06	
Tetrachloro-m-xylene [1]	97.9	30-150				7/12/12 4:06	
Tetrachloro-m-xylene [2]	91.9	30-150				7/12/12 4:06	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B39-3 5-5.5ft | Sampled: 6/27/2012 13:12

Sample ID: 12G0258-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B39-5 9-9.5ft Sampled: 6/27/2012 13:16

Sample ID: 12G0258-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:18	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	85.8	30-150				7/12/12 4:18	
Decachlorobiphenyl [2]	93.0	30-150				7/12/12 4:18	
Tetrachloro-m-xylene [1]	85.1	30-150				7/12/12 4:18	
Tetrachloro-m-xylene [2]	80.2	30-150				7/12/12 4:18	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B39-5 9-9.5ft | Sampled: 6/27/2012 13:16

Sample ID: 12G0258-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B66-3 5.5-6.0ft | Sampled: 6/27/2012 13:54

Sample ID: 12G0258-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 4:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	86.3	30-150				7/12/12 4:31	
Decachlorobiphenyl [2]	93.0	30-150				7/12/12 4:31	
Tetrachloro-m-xylene [1]	86.1	30-150				7/12/12 4:31	
Tetrachloro-m-xylene [2]	81.1	30-150				7/12/12 4:31	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B66-3 5.5-6.0ft | Sampled: 6/27/2012 13:54

Sample ID: 12G0258-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-1 0.5-1.0ft Sampled: 6/27/2012 14:15

Sample ID: 12G0258-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1260 [2]	0.19	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 5:09	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.8	30-150		7/12/12 5:09
Decachlorobiphenyl [2]	97.3	30-150		7/12/12 5:09
Tetrachloro-m-xylene [1]	89.6	30-150		7/12/12 5:09
Tetrachloro-m-xylene [2]	85.1	30-150		7/12/12 5:09

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-1 0.5-1.0ft Sampled: 6/27/2012 14:15

Sample ID: 12G0258-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.6		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-2 2.5-3.0ft Sampled: 6/27/2012 14:30

Sample ID: 12G0258-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1254 [1]	3.3	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1260 [1]	5.2	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 20:31
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 20:31
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 20:31
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 20:31

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-2 2.5-3.0ft | Sampled: 6/27/2012 14:30

Sample ID: 12G0258-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-3 4.5-5.0ft | Sampled: 6/27/2012 14:35

Sample ID: 12G0258-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1221 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1232 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1242 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1248 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1254 [2]	2.7	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1260 [2]	4.1	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1262 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC
Aroclor-1268 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 20:44
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 20:44
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 20:44
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 20:44

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-3 4.5-5.0ft | Sampled: 6/27/2012 14:35

Sample ID: 12G0258-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.2		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-4 6.5-7.0ft Sampled: 6/27/2012 14:40

Sample ID: 12G0258-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1254 [2]	3.1	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1260 [2]	5.2	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 20:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 20:57
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 20:57
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 20:57
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 20:57

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-4 6.5-7.0ft | Sampled: 6/27/2012 14:40

Sample ID: 12G0258-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-5 8.5-9.0ft | Sampled: 6/27/2012 14:45

Sample ID: 12G0258-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1254 [2]	3.9	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1260 [2]	5.8	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 21:10
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 21:10
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 21:10
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 21:10

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B52-5 8.5-9.0ft | Sampled: 6/27/2012 14:45

Sample ID: 12G0258-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B75-4 6.0-6.5ft Sampled: 6/27/2012 15:20

Sample ID: 12G0258-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.1	30-150		7/12/12 6:13
Decachlorobiphenyl [2]	99.3	30-150		7/12/12 6:13
Tetrachloro-m-xylene [1]	95.9	30-150		7/12/12 6:13
Tetrachloro-m-xylene [2]	90.9	30-150		7/12/12 6:13

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B75-4 6.0-6.5ft | Sampled: 6/27/2012 15:20

Sample ID: 12G0258-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B75-5 8.0-8.5ft | Sampled: 6/27/2012 15:22

Sample ID: 12G0258-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	87.4	30-150		7/12/12 6:26	
Decachlorobiphenyl [2]	94.2	30-150		7/12/12 6:26	
Tetrachloro-m-xylene [1]	95.5	30-150		7/12/12 6:26	
Tetrachloro-m-xylene [2]	91.3	30-150		7/12/12 6:26	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B75-5 8.0-8.5ft | Sampled: 6/27/2012 15:22

Sample ID: 12G0258-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.9		% Wt	1		SM 2540G	7/12/12	7/12/12 16:39	CMF

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B16-3 5.5-6.0ft | Sampled: 6/29/2012 09:48

Sample ID: 12G0258-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/12/12 6:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.4	30-150		7/12/12 6:39
Decachlorobiphenyl [2]	101	30-150		7/12/12 6:39
Tetrachloro-m-xylene [1]	94.5	30-150		7/12/12 6:39
Tetrachloro-m-xylene [2]	89.6	30-150		7/12/12 6:39

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B16-3 5.5-6.0ft | Sampled: 6/29/2012 09:48

Sample ID: 12G0258-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.1		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B16-4 7.5-8.0ft Sampled: 6/29/2012 09:50

Sample ID: 12G0258-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1254 [2]	3.0	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1260 [2]	6.1	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/10/12	7/13/12 21:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 21:23
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 21:23
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 21:23
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 21:23

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0258

Date Received: 7/10/2012

Field Sample #: B16-4 7.5-8.0ft | Sampled: 6/29/2012 09:50

Sample ID: 12G0258-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0258-02 [B28-2 2.5-3ft]	B054931	07/12/12
12G0258-03 [B28-4 6.5-7ft]	B054931	07/12/12
12G0258-05 [B39-3 5-5.5ft]	B054931	07/12/12
12G0258-06 [B39-5 9-9.5ft]	B054931	07/12/12
12G0258-07 [B66-3 5.5-6.0ft]	B054931	07/12/12
12G0258-08 [B52-1 0.5-1.0ft]	B054931	07/12/12
12G0258-09 [B52-2 2.5-3.0ft]	B054931	07/12/12
12G0258-11 [B52-4 6.5-7.0ft]	B054931	07/12/12
12G0258-12 [B52-5 8.5-9.0ft]	B054931	07/12/12
12G0258-13 [B75-4 6.0-6.5ft]	B054931	07/12/12
12G0258-14 [B75-5 8.0-8.5ft]	B054931	07/12/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0258-01 [B28-1 0.5-1ft]	B055030	07/13/12
12G0258-04 [B28-5 8.5-9ft]	B055030	07/13/12
12G0258-10 [B52-3 4.5-5.0ft]	B055030	07/13/12
12G0258-15 [B16-3 5.5-6.0ft]	B055030	07/13/12
12G0258-16 [B16-4 7.5-8.0ft]	B055030	07/13/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0258-01 [B28-1 0.5-1ft]	B054787	10.0	10.0	07/10/12
12G0258-02 [B28-2 2.5-3ft]	B054787	10.1	10.0	07/10/12
12G0258-03 [B28-4 6.5-7ft]	B054787	10.3	10.0	07/10/12
12G0258-04 [B28-5 8.5-9ft]	B054787	10.2	10.0	07/10/12
12G0258-05 [B39-3 5-5.5ft]	B054787	10.2	10.0	07/10/12
12G0258-06 [B39-5 9-9.5ft]	B054787	10.0	10.0	07/10/12
12G0258-07 [B66-3 5.5-6.0ft]	B054787	10.1	10.0	07/10/12
12G0258-08 [B52-1 0.5-1.0ft]	B054787	10.1	10.0	07/10/12
12G0258-09 [B52-2 2.5-3.0ft]	B054787	10.2	10.0	07/10/12
12G0258-10 [B52-3 4.5-5.0ft]	B054787	10.3	10.0	07/10/12
12G0258-11 [B52-4 6.5-7.0ft]	B054787	10.2	10.0	07/10/12
12G0258-12 [B52-5 8.5-9.0ft]	B054787	10.2	10.0	07/10/12
12G0258-13 [B75-4 6.0-6.5ft]	B054787	10.1	10.0	07/10/12
12G0258-14 [B75-5 8.0-8.5ft]	B054787	10.3	10.0	07/10/12
12G0258-15 [B16-3 5.5-6.0ft]	B054787	10.2	10.0	07/10/12
12G0258-16 [B16-4 7.5-8.0ft]	B054787	10.0	10.0	07/10/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054787 - SW-846 3540C										
Blank (B054787-BLK1)				Prepared: 07/10/12 Analyzed: 07/12/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.180*		mg/Kg wet	0.200		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.167*		mg/Kg wet	0.200		83.6	30-150			
LCS (B054787-BS1)				Prepared: 07/10/12 Analyzed: 07/12/12						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		90.8	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.9	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg wet	0.200		96.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.164*		mg/Kg wet	0.200		82.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.153*		mg/Kg wet	0.200		76.6	30-150			
LCS Dup (B054787-BSD1)				Prepared: 07/10/12 Analyzed: 07/12/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		97.7	40-140	5.10	30	
Aroclor-1016 [2C]	0.17	0.10	mg/Kg wet	0.200		85.7	40-140	5.76	30	
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		87.9	40-140	4.38	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		97.3	40-140	4.27	30	
Surrogate: Decachlorobiphenyl	*0.181*		mg/Kg wet	0.200		90.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.149*		mg/Kg wet	0.200		74.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.137*		mg/Kg wet	0.200		68.6	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B054787 - SW-846 3540C											
Matrix Spike (B054787-MS1)	**Source: 12G0258-01**			Prepared: 07/10/12 Analyzed: 07/12/12							
Aroclor-1016	0.88	0.11	mg/Kg dry	0.228	0.0	**388**	*	40-140			MS-21
Aroclor-1016 [2C]	1.1	0.11	mg/Kg dry	0.228	0.0	**472**	*	40-140			MS-21
Aroclor-1260	12	0.11	mg/Kg dry	0.228	15	**-1320**	*	40-140			MS-19
Aroclor-1260 [2C]	14	0.11	mg/Kg dry	0.228	16	**-664**	*	40-140			MS-19
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg dry	0.228		92.0		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg dry	0.228		97.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.217*		mg/Kg dry	0.228		95.1		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.202*		mg/Kg dry	0.228		88.6		30-150			
Matrix Spike Dup (B054787-MSD1)	**Source: 12G0258-01**			Prepared: 07/10/12 Analyzed: 07/12/12							
Aroclor-1016	0.89	0.11	mg/Kg dry	0.228	0.0	**393**	*	40-140	1.27	50	MS-21
Aroclor-1016 [2C]	1.1	0.11	mg/Kg dry	0.228	0.0	**490**	*	40-140	3.77	50	MS-21
Aroclor-1260	11	0.11	mg/Kg dry	0.228	15	**-1770**	*	40-140	8.59	50	MS-19
Aroclor-1260 [2C]	13	0.11	mg/Kg dry	0.228	16	**-1100**	*	40-140	7.19	50	MS-19
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg dry	0.228		88.6		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.212*		mg/Kg dry	0.228		93.2		30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg dry	0.228		90.1		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg dry	0.228		84.2		30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

12G0258

CHAIN OF CUSTODY RECORD

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

~~12F0788~~

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Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX ◉ EMAIL O WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406	# of Containers	** Preservation	***Container Code
										I	I	A
-56	B-1951 1.5-2 C-2712	1014			x	s	u					
-57	B1952 3.5-4	1016			x	s	u					
-58	B1953 5.5-6	1018			x	s	u					
-59	B1954 7.5-8	1020			x	s	u					
-60	B1955 9.5-10	1022			x	s	u					
-01	~~B28-1 .5-1~~	~~1030~~			x	s	~~u~~					
-02	-61 B2852 2.5-3	1040			x	s	u					
	-62 B2853 4.5-5	1050			x	s	u					
-03	-63 B2854 6.5-7	1100			x	s	u					
-04	~~B28-5 8.5-9~~	1110			x	s	~~u~~					

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6/28/12 15:30
Received by: (signature)	Date/Time: 6/28/12
Relinquished by: (signature)	Date/Time: 6/28/12
Received by: (signature) S.TILLSS	Date/Time: 6/28

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Days
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.0 mg/kg~~ 0.025 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

††TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 55
Page 875 of 4786

12G0258

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

~~12F0488~~

Page 8 of 15

Company Name: Weston & Sampson — Telephone: 860-513-1473
Address: 273 Dividend Road — Project # 2110618-A
Rocky Hill CT — Client PO#
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	10	I	A	PCB'S 8082	SOCHLET EXTRACTION 35406
-64	B2951 0-0.5 C-27-12	1120			x	S	U					
-65	B2952 2-2.5	1130			x	S	U					
-66	B2953 4-4.5	1140			x	S	U					
-67	B2954 6-6.5	1150			x	S	U					
-68	B2955 8-8.5	1200			x	S	U					
-69	B3951 1-1.5	1300			x	S	U					
-70	B3952 3-3.5	1310			x	S	U					
-05 -71	B3953 5-5.5	1312			x	S	U					
-72	B3954 7-7.5	1314			x	S	U					
-06 -73	B3955 9-9.5 ✓	1316			x	S	U					

ANALYSIS REQUESTED

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6.28.12 1330
Received by: (signature)	Date/Time:
	6/28/12 1330
Relinquished by: (signature)	Date/Time:
	6/28/12 1455
Received by: (signature)	Date/Time:
	6/28 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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1260258

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

~~1260188~~

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
O FAX ◉ EMAIL O WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB's 8082	SOCHLET EXTRACTION 35406
-74	B40-1 1.5-2 C-2712	1318			x	s	u	10	I	A		
-75	B40-2 3.5-4	1320			x	s	u					
-76	B40-3 5.5-6	1322			x	s	u					
-77	B404 7.5-8	1324			x	s	u					
-78	B40-5 9.5-10	1326			x	s	u					
-79	B-53-1 0-0.5	1328			x	s	u					
-80	B53-2 2-2.5	1330			x	s	u					
-81	B53-3 4-4.5	1332			x	s	u					
-82	B53-4 6-6.5	1334			x	s	u					
-83	B53-5 8-8.5	1336			x	s	u					

ANALYSIS REQUESTED

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6-28-12 1330
Received by: (signature)	Date/Time:
	6/28/12
Relinquished by: (signature)	Date/Time:
	6/28/12
Received by: (signature)	Date/Time:
	6/28 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †14-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
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*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

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39 Spruce Street
East longmeadow, MA 01028

12F0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
-84	B67-1 1-1.5 6-27-12	1338			x	s	u
-85	B67-2 3-3.5	1340			x	s	u
-86	B67-3 5-5.5	1342			x	s	u
-87	B67-4 7-7.5	1344			x	s	u
-88	B67-5 9-9.5	1348			x	s	u
-89	B66-1 1.5-2	1350			x	s	u
-90	B66-2 3.5-4	1352			x	s	u
-91	B66-3 5.5-6	1354			x	s	u
-92	B66-4 7.5-8	1356			x	s	u
-93	B66-5 9.5-10	1358			x	s	u

-07

| | | |

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12T0488

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Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
-08 -94	BS2-1 0.5-1 C-27-12	1415			x	S	U
-09 -95	BS2-2 2.5-3	1430			x	S	U
-10 -96	BS2-3 4.5-5	1439			x	S	U
-11 -97	BS2-4 6.5-7	1440			x	S	U
-12 -98	BS2-5 8.5-9	1445			x	S	U
-99	BTC-1 1-1.5	1450			x	S	U
-100	BTC-2 3-3.5	1455			x	S	U
-101	BTC-3 5-5.5	1500			x	S	U
-102	BTC-4 7-7.5	1505			x	S	U
-103	BTC-5 9-9.5	1510			x	S	U

# of Containers	10										
** Preservation	I	I									
***Container Code	A	A									
ANALYSIS REQUESTED	PCB'S 8082	SOCHLET EXTRACTION 35406									

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	6-28-12 1230
Received by: (signature)	6/28/12 12:30
Relinquished by: (signature)	6/28/12
Received by: (signature)	1455 6/28

Turnaround ††
☐ 7-Day
~~☐ 10 Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: ~~0.5 mg/kg~~ 0.005 mg/kg
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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1260258

CHAIN OF CUSTODY RECORD

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Phone: 413-525-2332
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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

1250188

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

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O yes _____ proposal date

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Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406	ANALYSIS REQUESTED	# of Containers	** Preservation	***Container Code
											10	I	A
-104	B88-1 1.5-2 6-27-12	1515			x	s	u						
-105	B88-2 3.5-4	1530			x	s	u						
-106	B88-3 5.5-6	1535			x	s	u						
-107	B88-4 7.5-8	1540			x	s	u						
-108	B88-5 9.5-10	1545			x	s	u						
-109	B75-1 0-0.5	1546			x	s	u						
-110	B75-2 2-2.5	1548			x	s	u						
-111	B75-3 4-4.5	1915			x	s	u						
-13 -112	B75-4 6-6.5	1920			x	s	u						
-14 -113	B75-5 8-8.5	1922			x	s	u						

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

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H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	6-28-12 1230
Received by: (signature)	6/28/12 12:30
Relinquished by: (signature)	6/28/12
Received by: (signature)	6/28/12 14:55

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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Page 880 of 4786

12G0258

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12T0188

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Project # 2110618-A
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Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406													
								B														# of Containers
								I	I													** Preservation
								A	A													***Container Code
-114	B12-1 0-.5 C-27-12	0850			x	S	U															
-115	B12-2 2-2.5	0900			x	S	U															
-116	B12-3 4-4.5	0915			x	S	U															
-117	B12-4 6-6.5	0930			x	S	U															
-118	B12-5 8-8.5	0935			x	S	U															
~~B16-1 0-.5~~		~~0945~~			~~x~~	S																
-119	B16-2 3.5-4	0946			x	S	U															
-120	B16-3 5.5-6	0948			x	S	U															
-121	B16-4 7.5-8	0950			x	S	U															
~~B16-5 9.5-10~~		0952			x	S																

-15
-16

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
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**Preservation
I = Iced
H = HCL
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N = Nitric Acid
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☐ 7-Day
☆ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.05 mg/kg
Other:

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								I	I			
								A	A			
-122	C-5	6/28/12	0930	X	X	S	U	X	X			
-123	C-6		0931	X	X	S	U	X	X			
-124	C-7		0940	X	X	S	U	X	X			
-125	C-8		0942	X	X	S	U	X	X			
-126	C-9		0952	X	X	S	U	X	X			
-127	C-10		0954	X	X	S	U	X	X			
-128	C-11		0945	X	X	S	U	X	X			
-129	C-12		0950	X	X	S	U	X	X			
-130	C-13		0955	X	X	S	U	X	X			
-131	C-14		0956	X	X	S	U	X	X			

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
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P=plastic
ST=sterile
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S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ ANALYZE ONLY C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other 5-day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~RCP Standards~~ 0.25 ug/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 15 of 15

12T0988

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond NOSO
Sampled By: N. Philippi

Telephone: 860 513 1493
Project # 21106184
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wseinc.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
	~~B3051~~	6/26/12					
	~~B3052~~ 1322						
	~~B3053~~ 1324						
	~~B3054~~						
	~~B3055~~						
-132	B4551 0.5-1.0*	6/25/12					
-133	B4552 2.5-3.0*		* Sample depths				
-134	B4553 4.5-5.0*		taken from jar.				
-135	B4554 6.5-7.0*		SD. 6/28/12				
-136	B4555 8.5-9.0*						

ANALYSIS REQUESTED

# of Containers	5	1	1									
** Preservation	I	I										
***Container Code	A	A										
PCBs 8082	●											
Soil Extraction 3546		●										

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ANALYZE ONLY C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6/28/12 1230
Received by: (signature)	Date/Time: 6/28/12 1230
Relinquished by: (signature)	Date/Time: 6/28/12 1655
Received by: (signature)	Date/Time: 6/28/12 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 15

1AF0488

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill, CT
Attention: Jeff Dwigan
Project Location: Berlin Settling Pond-Musco
Sampled By: N. Philippi

Telephone: 860 513 1473
Project # 2110618 A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: dwiganj@wseinc.com
Format: ●PDF ●EXCEL ○GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: PCBs by 8082	ANALYSIS REQUESTED: Soxhlet Extraction 3540C
-01	B3051 0.5-2.0'	6/26/12	1320		X	S	U	10	I	A		
-02	B3052 3.5-4.0'		1322									
-03	B3053 5.5-6.0'		1324									
-04	B3054 7.5-8.0'		1326									
-05	B3055 9.5-10'		1328									
-06	B1451 0.5-1.0'		1520									
-07	B1452 2.5-3.0'		1522									
-08	B1453 4.5-5.0'		1524									
-09	B1454 6.5-7.0'		1526									
-10	B1455 9.5-10'		1528									

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS/ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-28-12 1730
Received by: (signature)	Date/Time: 6/28/12 1739
Relinquished by: (signature)	Date/Time: 6/28/12 2000
Received by: (signature)	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 2 of 15

1F-0188

Company Name: WESTON & SAMPSON
Address: 273 DEVELOPMENT RD
ROCKY HILL, CT
Attention: JEFF DUBOIS
Project Location: BERLIN SETTLERS POND MESCO
Sampled By: M. PHIFFER

Telephone: 860 513 1473
Project # 2110618.19
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: jdubois@wsp.com
Format: ● PDF ● EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED
	B1351 1.0-1.5'	6/26/12	1510		X	S	U	2	I	A	8082 Soil Extraction 3546
-11	B1352 2.0-2.5'	6/26/12	1512								
-12	B1353 5.0-5.5'		1514								
-13	B1354 7.0-7.5'		1516								
	B1355 9.0-9.5'		1518								
-14	B5452 2.5-3.0'		1030								
-15	B5453 5.0-5.5'		1038								
-16	B5454 6.5-7.0'		1040								
-17	B8952 2.0-2.5'		0855								
-18	B8953 4.0-4.5'	↓	0858	↓	↓	↓	↓	↓	↓	↓	↓

Comments: (*) HOCO SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time: 6-28-12 1230
Received by: (signature)	Date/Time: 6/28/12 12
Relinquished by: (signature)	Date/Time: 6/28/12 2
Received by: (signature) 5.7	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.05 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNARAUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNARAUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 3 of 15

12F0488

Company Name: Weston & Sampson
Address: 973 Dividend Road
Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Setting Road
Sampled By: M. Phillips

Telephone: 860 513 1483
Project # 2110 618 A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wsandsinc.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: PCB's 8082; Soil Leaching Analysis
-19	B-1051 1.0-1.5'	6-26-12	1350		X	S	U	10	I	A	
-20	B1052 3.0-3.5'		1354								
-21	B1053 5.0-5.5'		1356								
-22	B1054 7.0-7.5'		1358								
-23	B1055 9.0-9.5'		1400								
-24	B7752 2.0-2.5'		0918								
-25	B7753 4.5-5.0'		0922								
-26	B7754 7.5-8.0'		0925								
-27	C-15	6/26/12	0958	X		S	U	X	X		
-28	C-16		1000	X		S	U	X	X		

Comments: (A) HOLD SAMPLES FOR ANALYSIS! ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6-28-12/1230
Received by: (signature)	Date/Time:
	6/28/12 12[illegible]
Relinquished by: (signature)	Date/Time:
	6/28/12 [illegible]
Received by: (signature)	Date/Time:
	6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
_____
Connecticut: 0.25 mg/kg
_____
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 4 of 15

~~H70198~~

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Rocky Hill, CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond-NUSCO
Sampled By: N. Philippi

Telephone: 860 513 1473
Project # 2110618 A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: duigouj@wseinc.com
Format: ● PDF ● EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
-29	B0954 7.0-7.5'	6-26-12	0900		X	S	U
-30	B6852 3.0-3.5'		0932				
-31	B6853 5.0-5.5'		0934				
-32	B6854 6.5-7.0'		0936				
-33	B3151 1.0-1.5'		1104				
-34	B3152 3.0-3.5'		1106				
-35	B3153 5.0-5.5'		1108				
-36	B3154 7.0-7.5'		1110				
-37	B3155 9.0-9.5'		1112				

ANALYSIS REQUESTED

9		# of Containers
I	I	** Preservation
A	A	***Container Code
PCBs by 8082		
Soxhlet Extraction 3546		

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-28-12 1230
Received by: (signature)	Date/Time: 6/28/12 12[illegible]
Relinquished by: (signature)	Date/Time: 6/28/12 [illegible]
Received by: (signature) 5.7	Date/Time: 6/28 1455

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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CHAIN OF CUSTODY RECORD

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

~~12F0188~~

Page 5 of 15

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	PCB's 8082	SOCHLET EXTRACTION 35406
								8	1	A		
-38	B1151 .5-1 6-27-12	0808			x	s	u					
-39	B1152 2.5-3	0810			x	s	u					
-40	B1153 4.5-5	0815			x	s	u					
-41	B1154 6.5-7	0818			x	s	u					
-42	B1155 8.5-9	0820			x	s	u					
	~~B15-1 1.0-1.5~~	~~0822~~			x	s	u					
-43	B1552 3.0-3.5	0825			x	s	u					
-44	B1553 5.0-5.5	0830			x	s	u					
-45	B1554 7.0-7.5	0832			x	s	u					
	~~B15-5 9.0-9.5~~	~~0840~~			x	s	u					

ANALYSIS REQUESTED

Comments: ⊛ HOLD SAMPLES FOR ANALYSES / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Container Code
Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

	Date/Time:
Relinquished by: (signature)	6/28/12 1830
Received by: (signature)	Date/Time: 6/28/12
Relinquished by: (signature)	Date/Time: 6/8/12
Received by: (signature) 5.7	Date/Time: 6/28

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other Sched
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: ~~0.5mg/kg~~ 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA
NELAC & AIHA Certified
WBE/DBE Certified

††TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0488

Page 6 of 15

Company Name: Weston & Sampson
Address: 273 Dividend Road
Rocky Hill CT
Attention: Jeff Duigou
Project Location: Berlin Settling Pond
Sampled By: Nathan Philippi

Telephone: 860-513-1473
Project # 2110618-A
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: duigouJ@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCB'S 8082	SOCHLET EXTRACTION 35406										
								10											# of Containers
								1	1										** Preservation
								A	A										***Container Code
-46	B-1751 0.0-0.5 6-27-12	0954			x	s	u												
-47	B1752 2-2.5	0956			x	s	u												
-48	B1753 4-4.5	0958			x	s	u												
-49	B1754 6-6.5	1000			x	s	u												
-50	B1755 8-8.5	1002			x	s	u												
-51	B1851 1-1.5	1004			x	s	u												
-52	B1852 3-3.5	1006			x	s	u												
-53	B1853 5-5.5	1008			x	s	u												
-54	B1854 7-7.5	1010			x	s	u												
-55	B1855 9-9.5	1012			x	s	u												

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: * HOLD SAMPLES FOR ANALYSIS / ANALYZE ONLY SAMPLES C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	6/28/12 1230
Received by: (signature)	6/28/12 1230
Relinquished by: (signature)	6/28/12 1455
Received by: (signature)	6/28/12 1455

Turnaround ††
☐ 7-Day
~~☐ 10-Day~~
☒ Other Soleg
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: ~~0.5 mg/kg~~ 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: SD DATE: 6/28/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** Yes (No)
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.5, 5.7 (S.D)

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A)

9) **Do all samples have the proper Base pH:** Yes No (N/A)

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** (Yes) No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	134
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Missing the 6th and 10th sample. Samples on the last page have no depth or time to go by.

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Doc# 277
Rev. 3 May 2012

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~~12G0088~~ 12G0258

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-15	B16-3 5.5-6.0	6/27/12	0948		X	S	U	✓	✓			
-16	B16-4 7.5-8.0		0950									
-01	B28-1 0.5-1.0		1030									
-02	B28-2 2.5-3.0		1040									
-03	B28-4 6.5-7.0		1100									
-04	B28-5 8.5-9.0		1110									
-05	B39-3 5.0-5.5		1312									
-06	B39-5 9.0-9.5		1316									
-08	B52-1 0.5-1.0		1415									
-09	B52-2 2.5-3.0	↓	1430		↓	↓	↓	✓	✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: *Please ACTUAL-ej lab has SAMPLES
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/3/12	Date/Time: 4:45pm
Received by: (signature)	7/3/12	Date/Time: 4:00p.m.
Relinquished by: (signature)	7/3/12	Date/Time: 5
Received by: (signature)	7/3/12	Date/Time: 17:5

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
NELAC & AIHA Certified
WBE/DBE Certified

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~~126008~~ 126 C258

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Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER _____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	1	I	A	# of Containers	** Preservation	***Container Code
-10	B52-3 4.5-5.0	6/27/12	1435		x	S	U	✓	✓						
-11	B52-4 6.5-7.0		1440												
-12	B52-5 8.5-9.0		1445												
-07	B66-3 5.5-6.0		1354												
-13	B75-4 6.0-6.5		1520												
-14	B75-5 8.0-8.5	↓	1522		↓	↓	↓	✓	✓						

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: *Please Activate; lab has samples
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/3/12	Date/Time: 400pm
Received by: (signature)	7/3/12	Date/Time: 400pm
Relinquished by: (signature)	7/3/12	Date/Time: 5
Received by: (signature)	7/3/12	Date/Time: 1715

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA ACCREDITED LABORATORY
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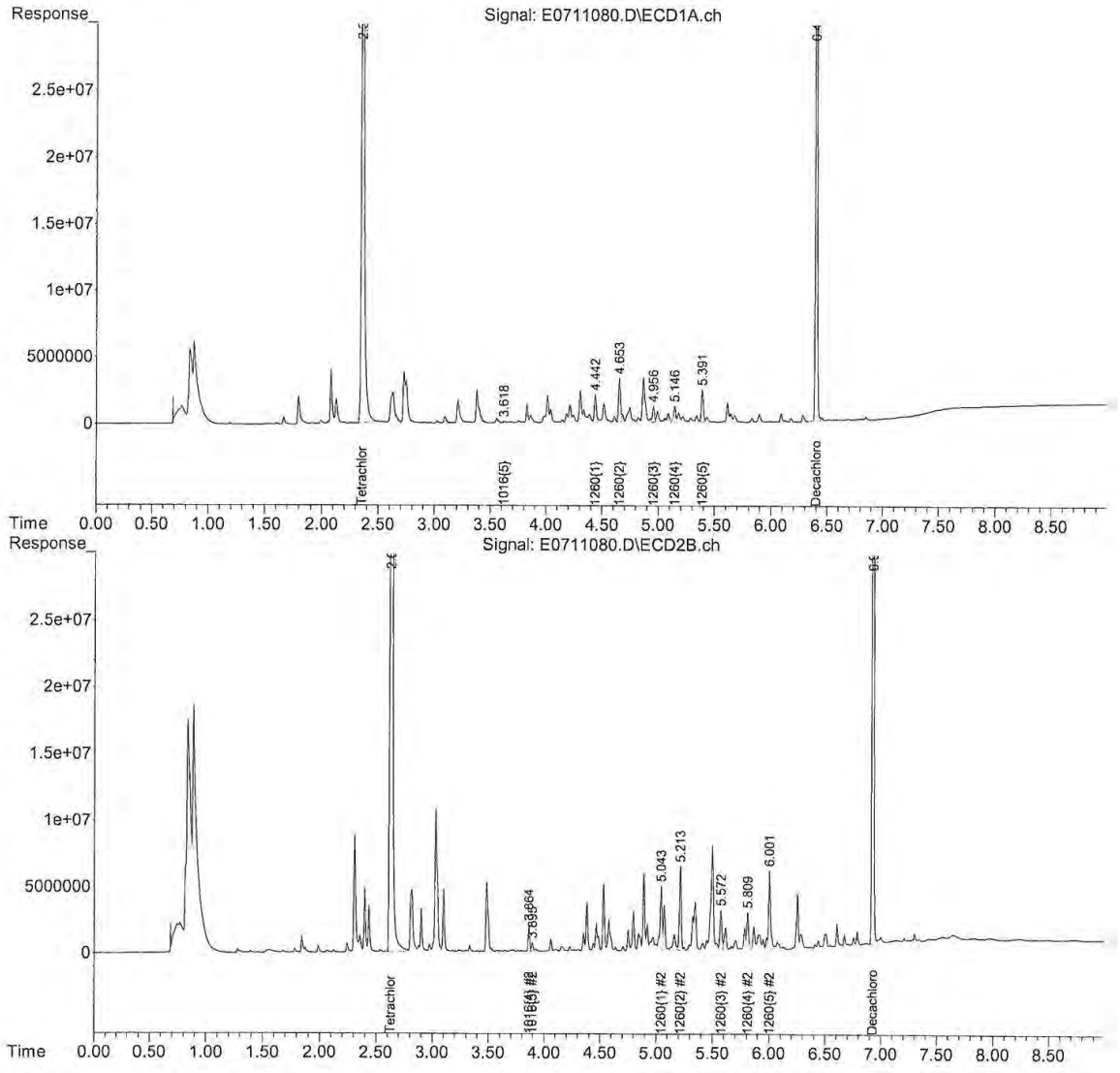
Quantitation Report (Not Reviewed)

```
Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711080.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 12 Jul 2012   3:53 am
Operator  :
Sample    : 12G0258-04@5X                          Inst    : ECD 5
Misc      :
ALS Vial  : 80   Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:52:21 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title  : 1260/1016   06/22/12   05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.     :
Signal #1 Phase :                  Signal #2 Phase:
Signal #1 Info  :                  Signal #2 Info :
```

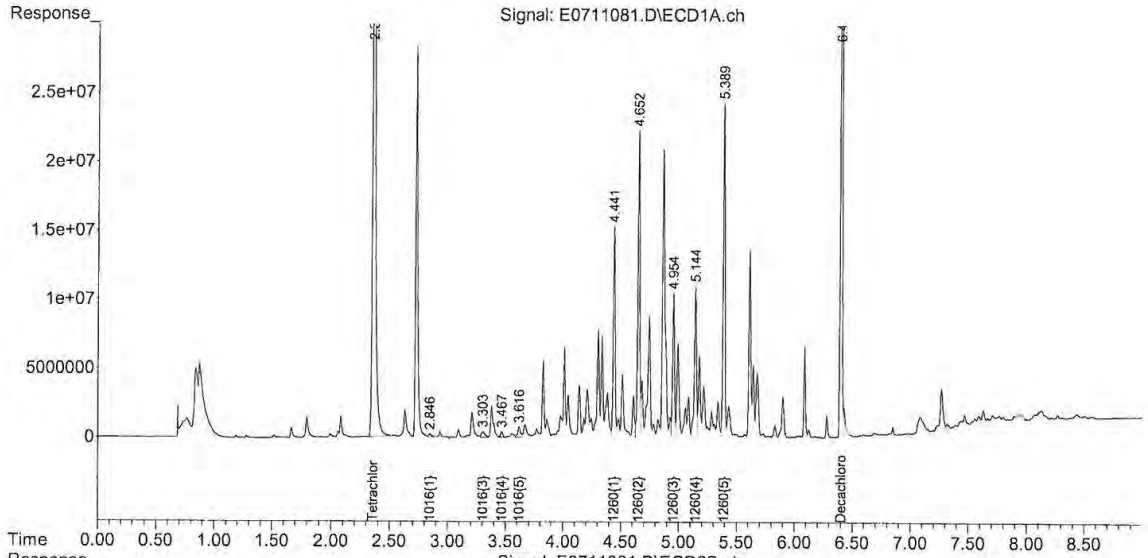


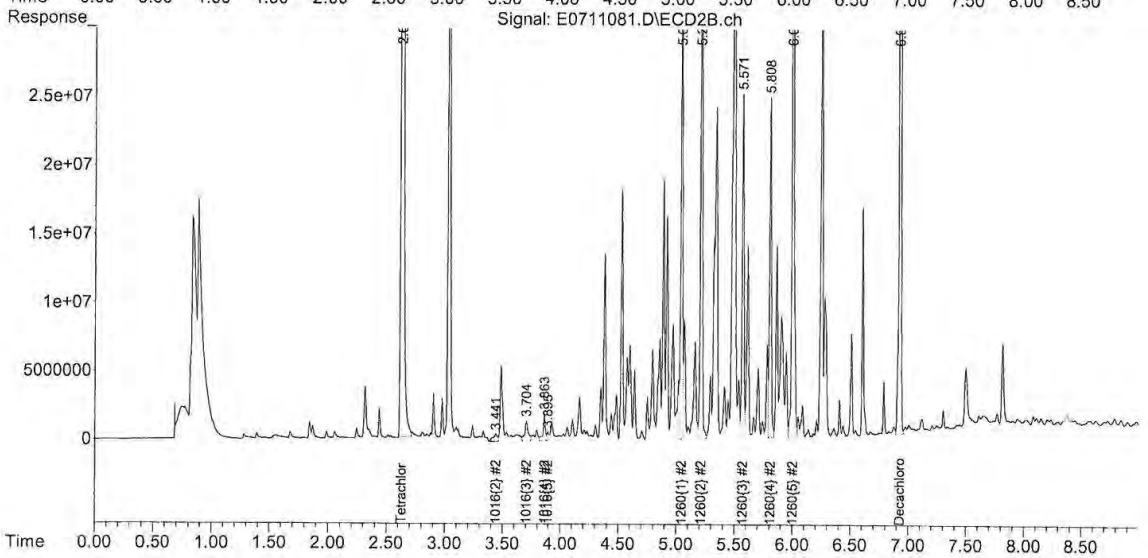
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 4:06 am
Operator :
Sample : 12G0258-05@5X Inst : ECD 5
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:52:26 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





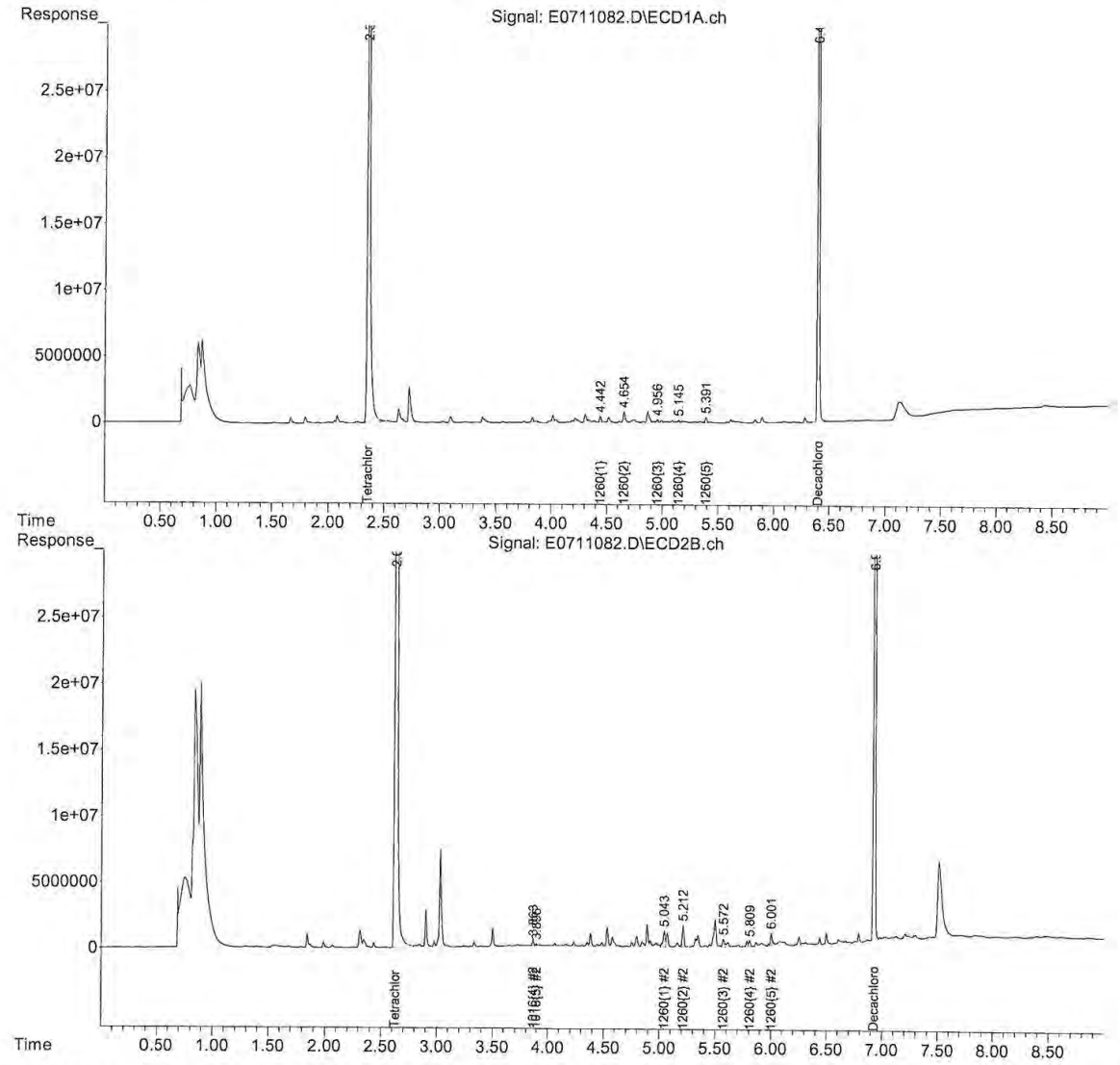
5-1260-071112.M Thu Jul 12 10:11:14 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 4:18 am
Operator :
Sample : 12G0258-06@5X Inst : ECD 5
Misc :
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:52:31 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



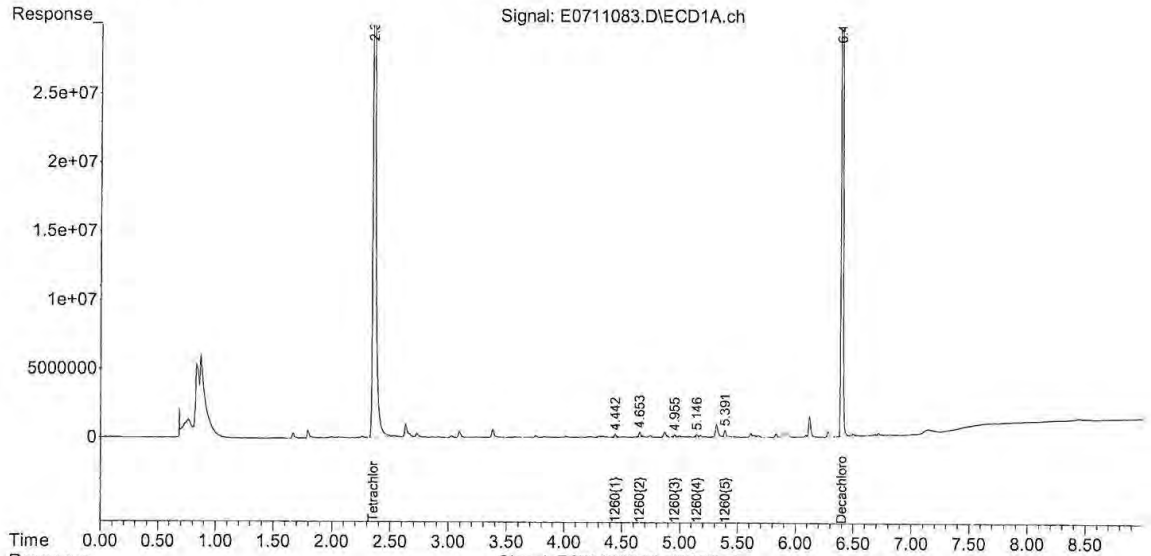
5-1260-071112.M Thu Jul 12 10:11:19 2012

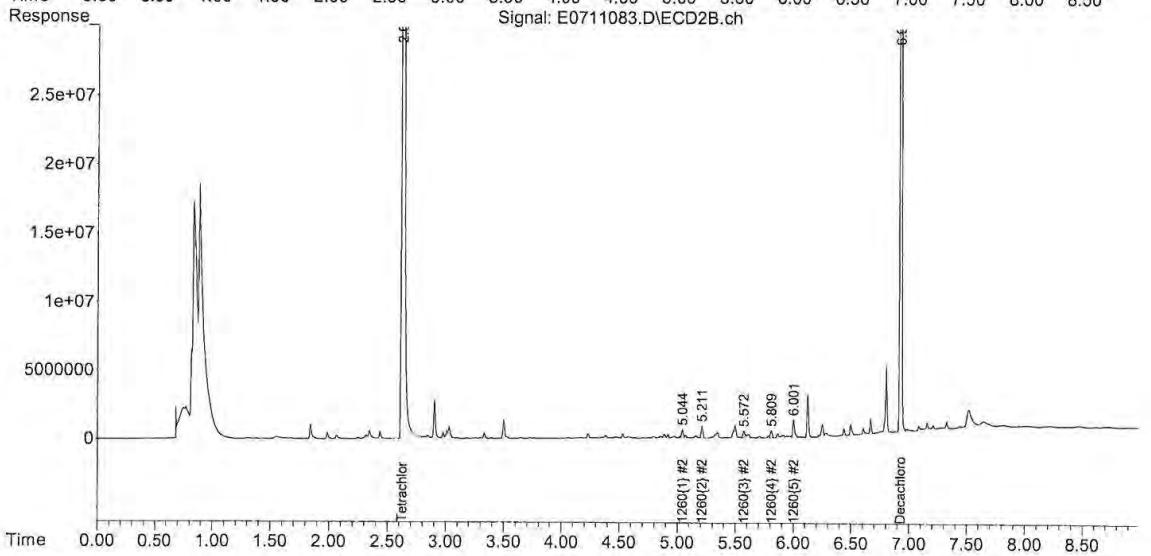
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 4:31 am
Operator :
Sample : 12G0258-07@5X Inst : ECD 5
Misc :
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:52:36 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





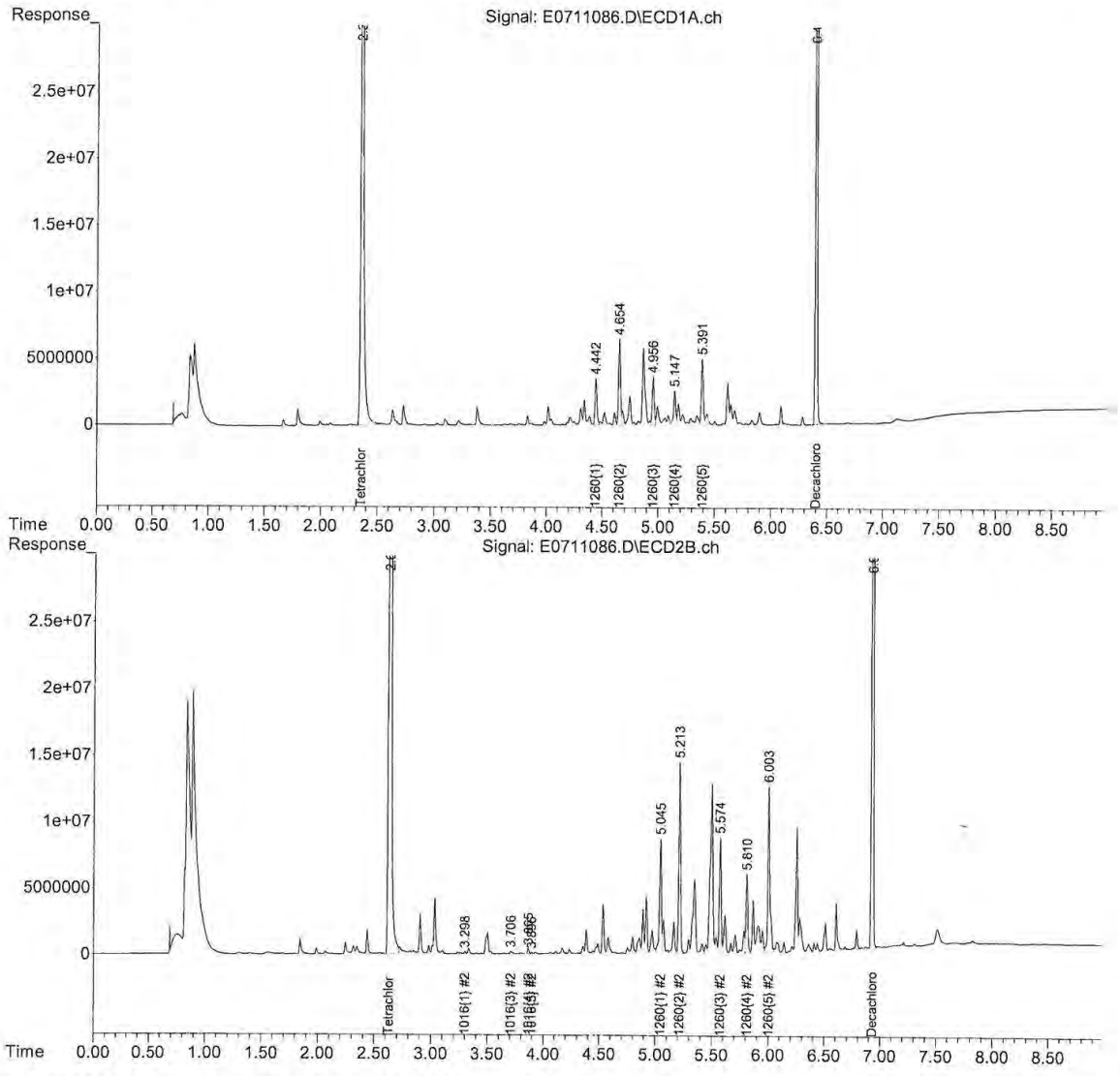
5-1260-071112.M Thu Jul 12 10:11:24 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 5:09 am
Operator :
Sample : 12G0258-08@5X Inst : ECD 5
Misc :
ALS Vial : 86 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:52:51 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



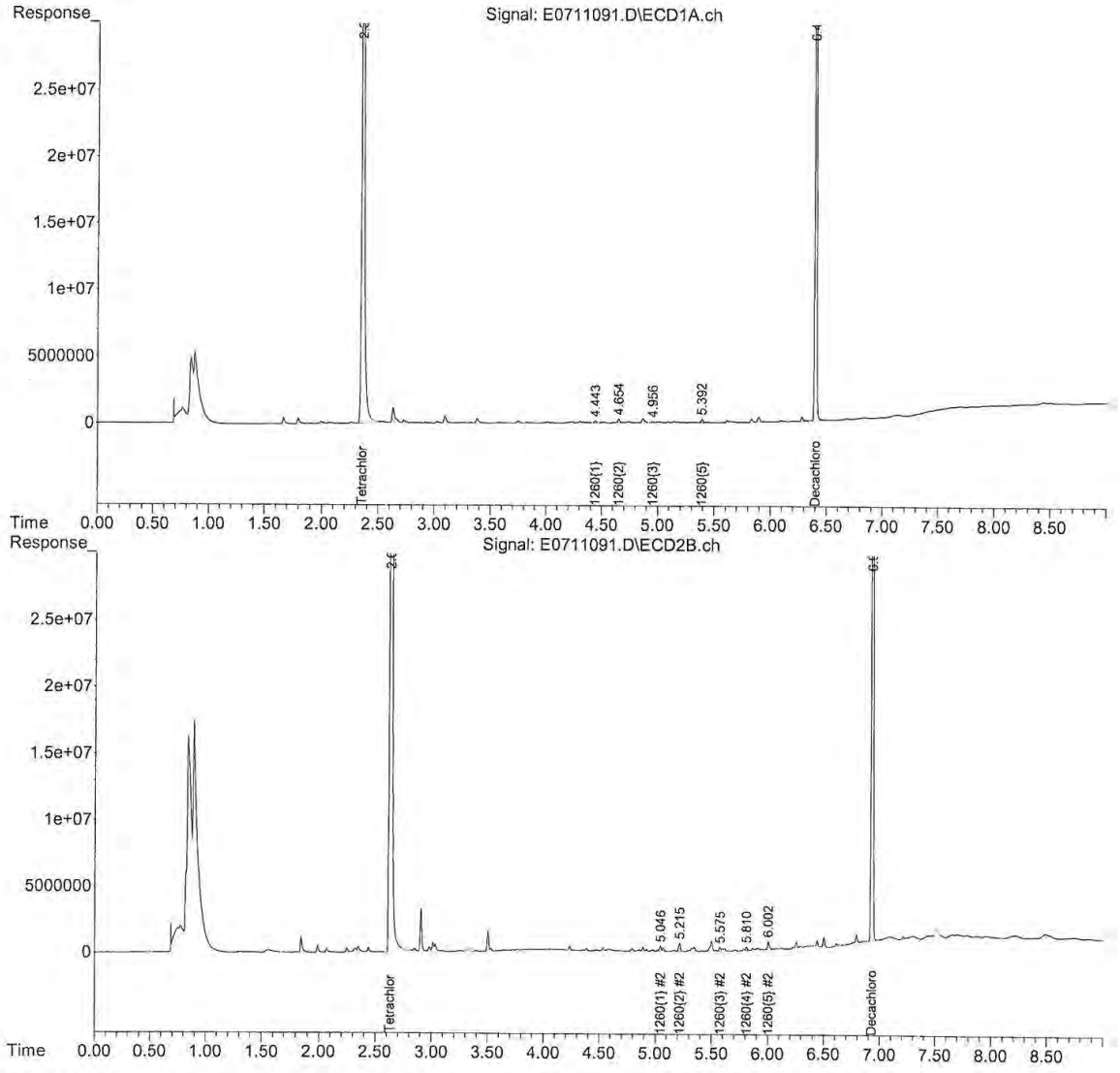
5-1260-071112.M Thu Jul 12 10:11:29 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 6:13 am
Operator :
Sample : 12G0258-13@5X Inst : ECD 5
Misc :
ALS Vial : 91 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:53:17 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



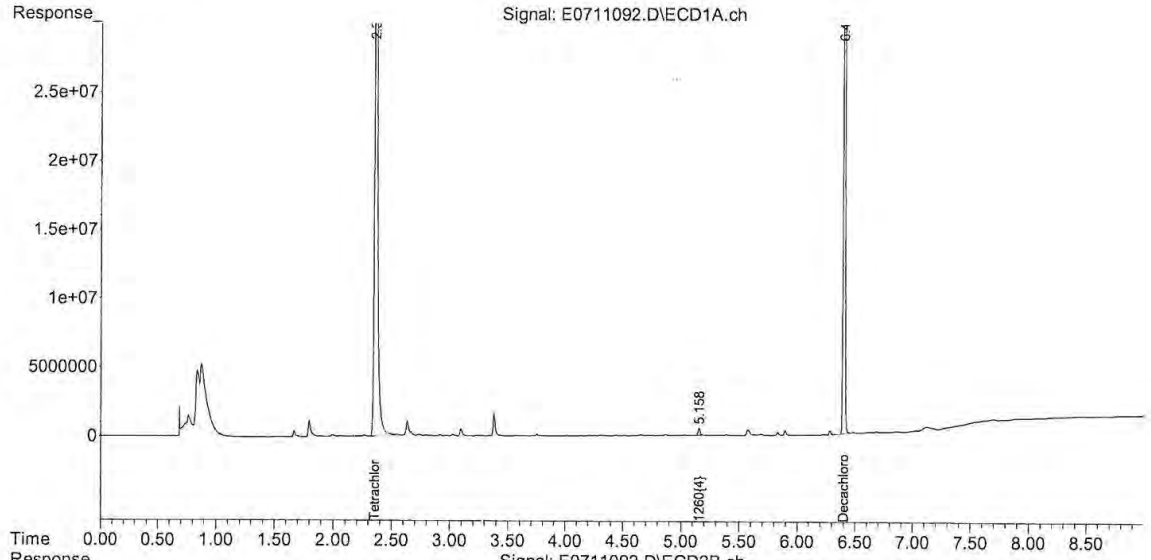
5-1260-071112.M Thu Jul 12 10:11:34 2012

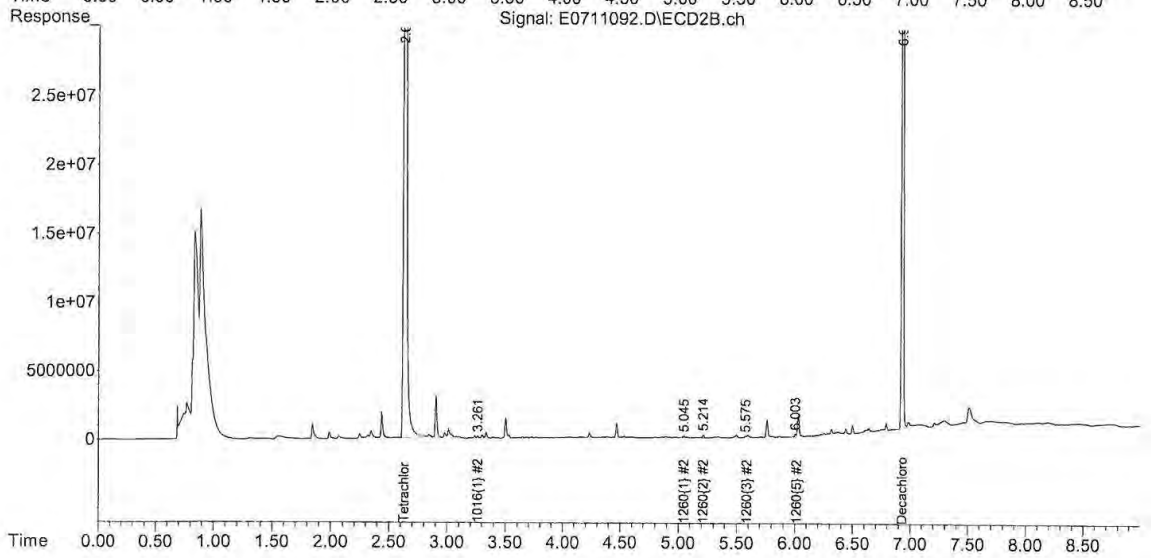
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 6:26 am
Operator :
Sample : 12G0258-14@5X Inst : ECD 5
Misc :
ALS Vial : 92 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:53:22 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





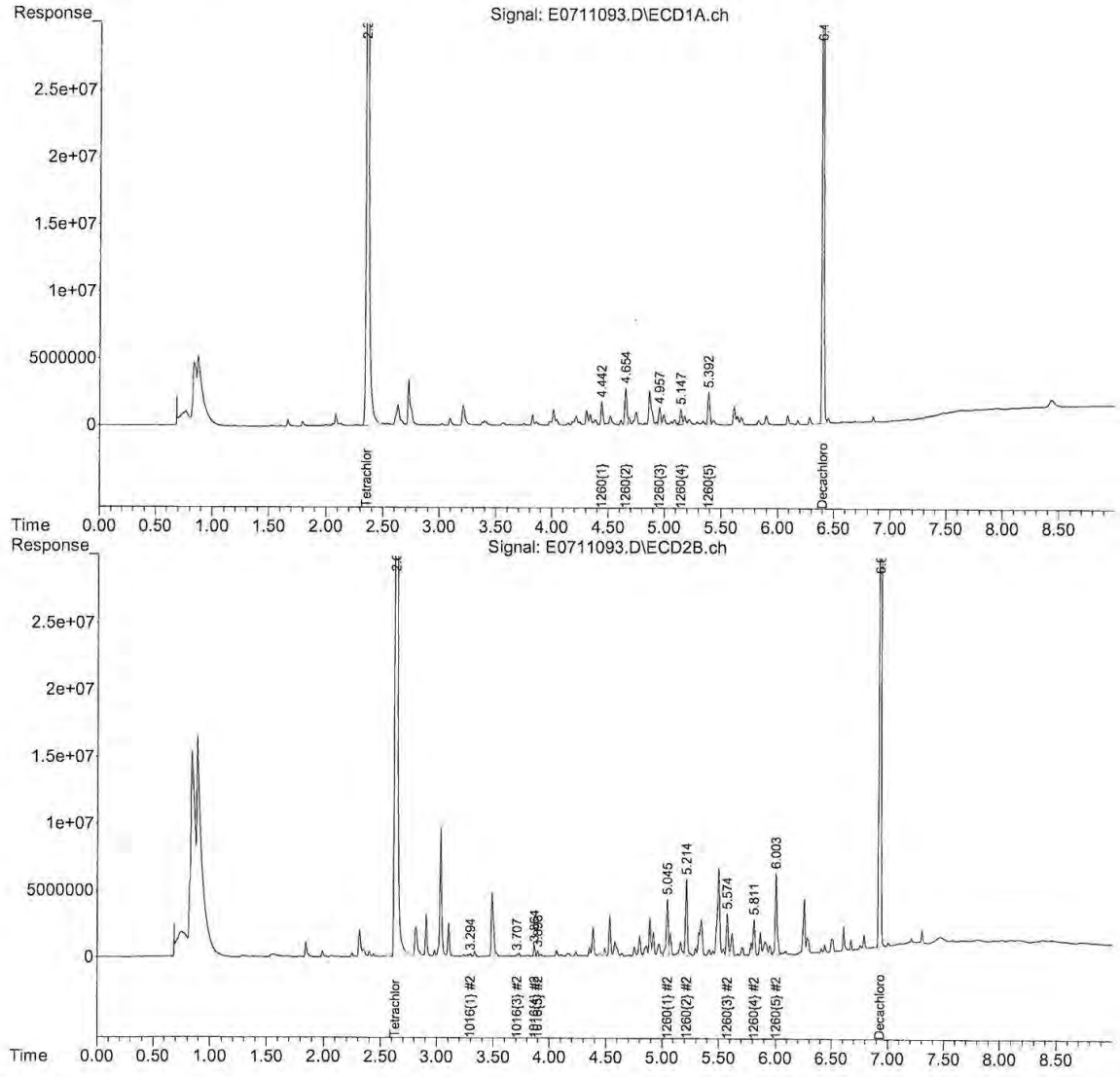
5-1260-071112.M Thu Jul 12 10:11:38 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 6:39 am
Operator :
Sample : 12G0258-15@5X Inst : ECD 5
Misc :
ALS Vial : 93 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:53:27 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071112.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



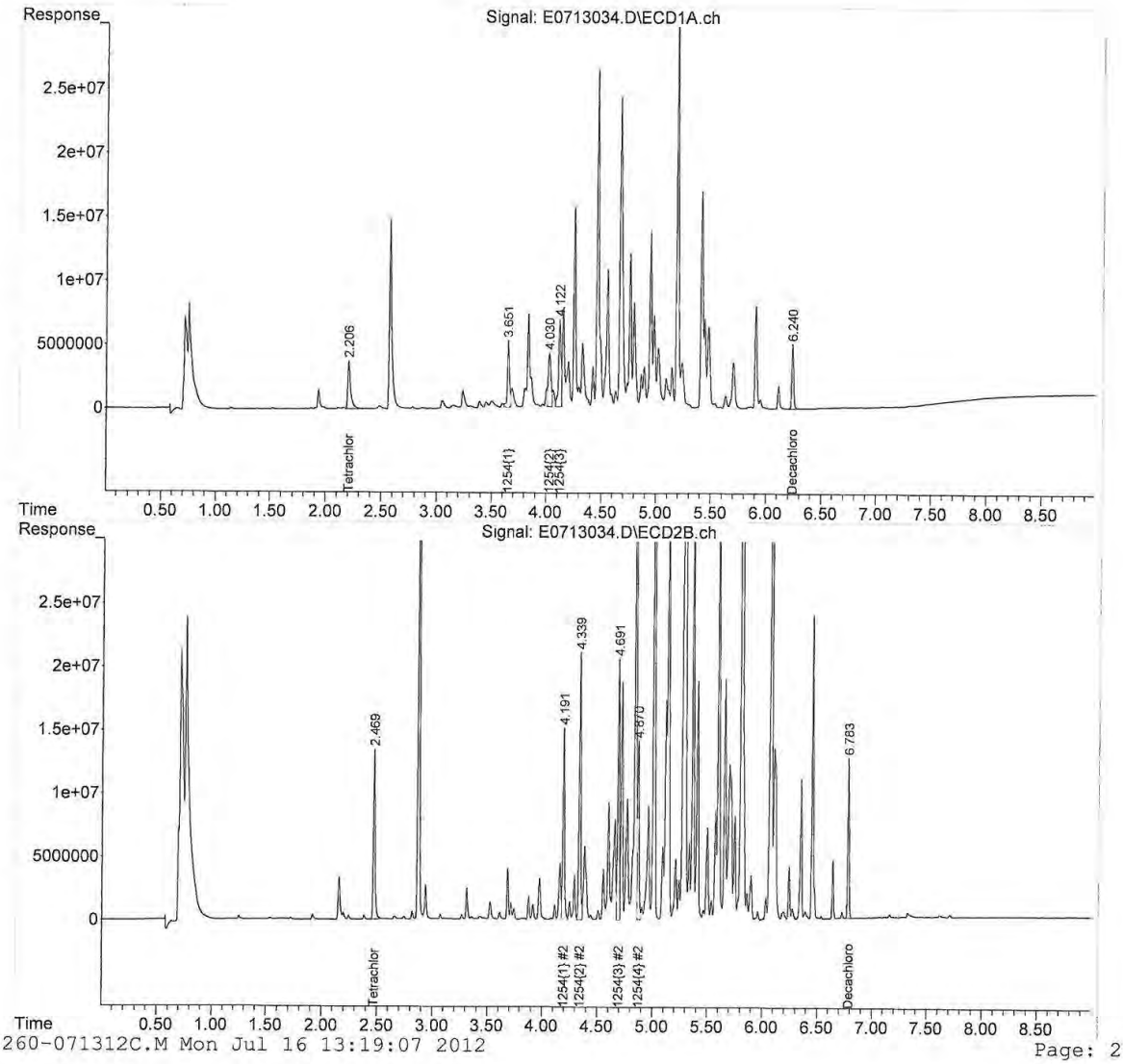
5-1260-071112.M Thu Jul 12 10:11:44 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 7:53 pm
Operator : JMB
Sample : 12G0258-01@100X Inst : ECD 5
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:36:04 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



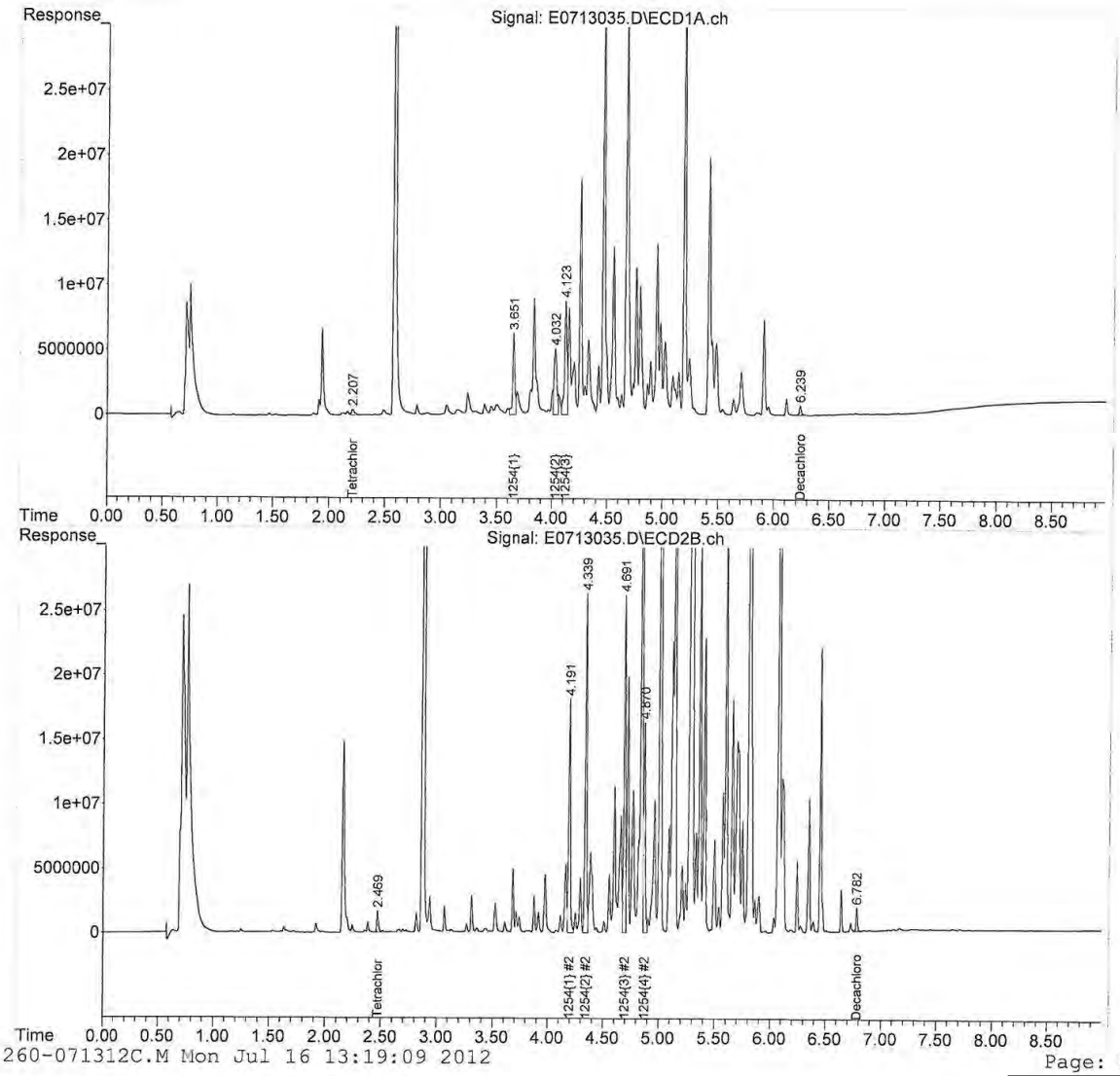
5-1260-071312C.M Mon Jul 16 13:19:07 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 8:06 pm
Operator : JMB
Sample : 12G0258-02@100X Inst : ECD 5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:37:41 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



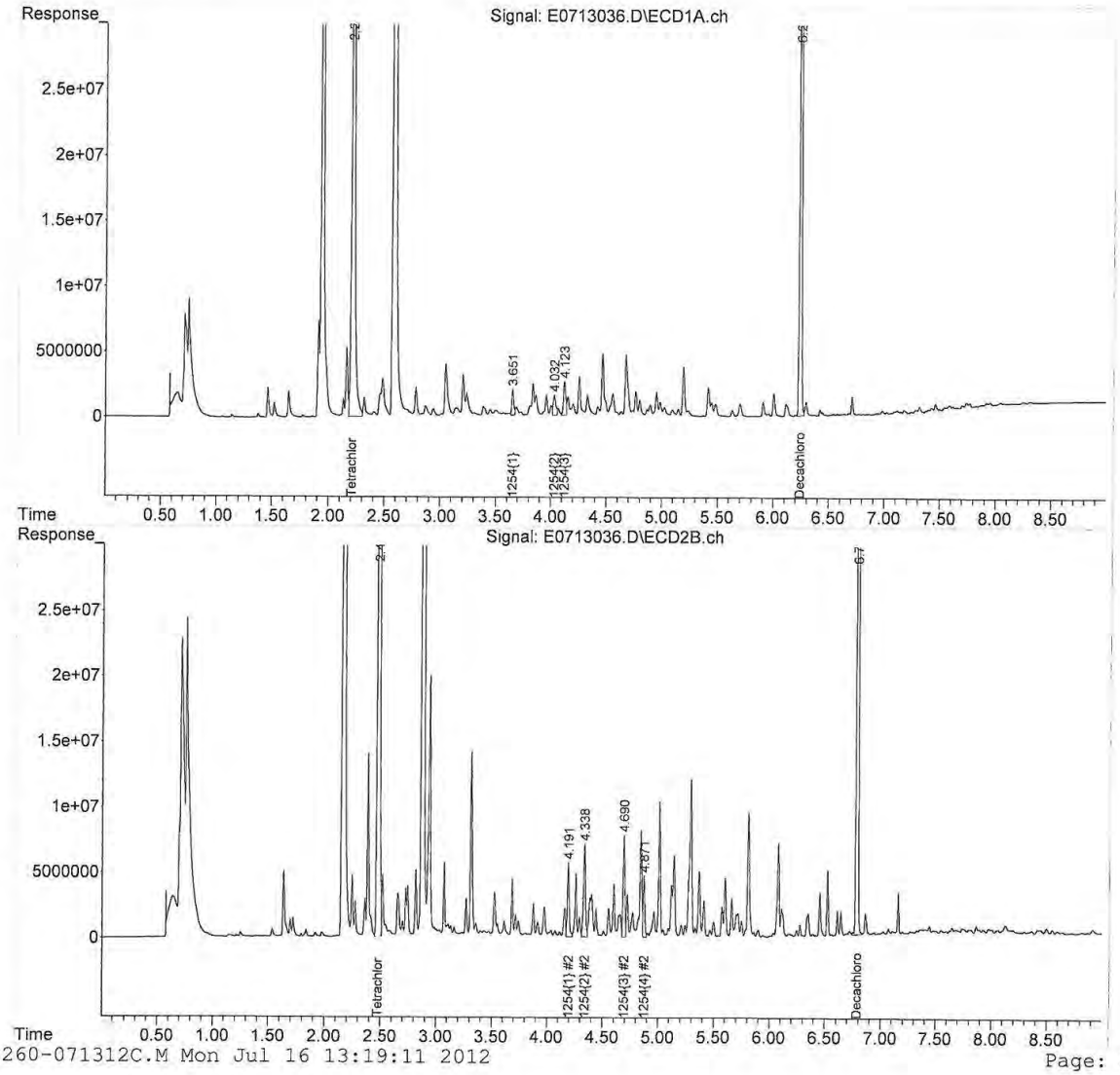
5-1260-071312C.M Mon Jul 16 13:19:09 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 8:19 pm
Operator : JMB
Sample : 12G0258-03@5X Inst : ECD 5
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:38:34 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



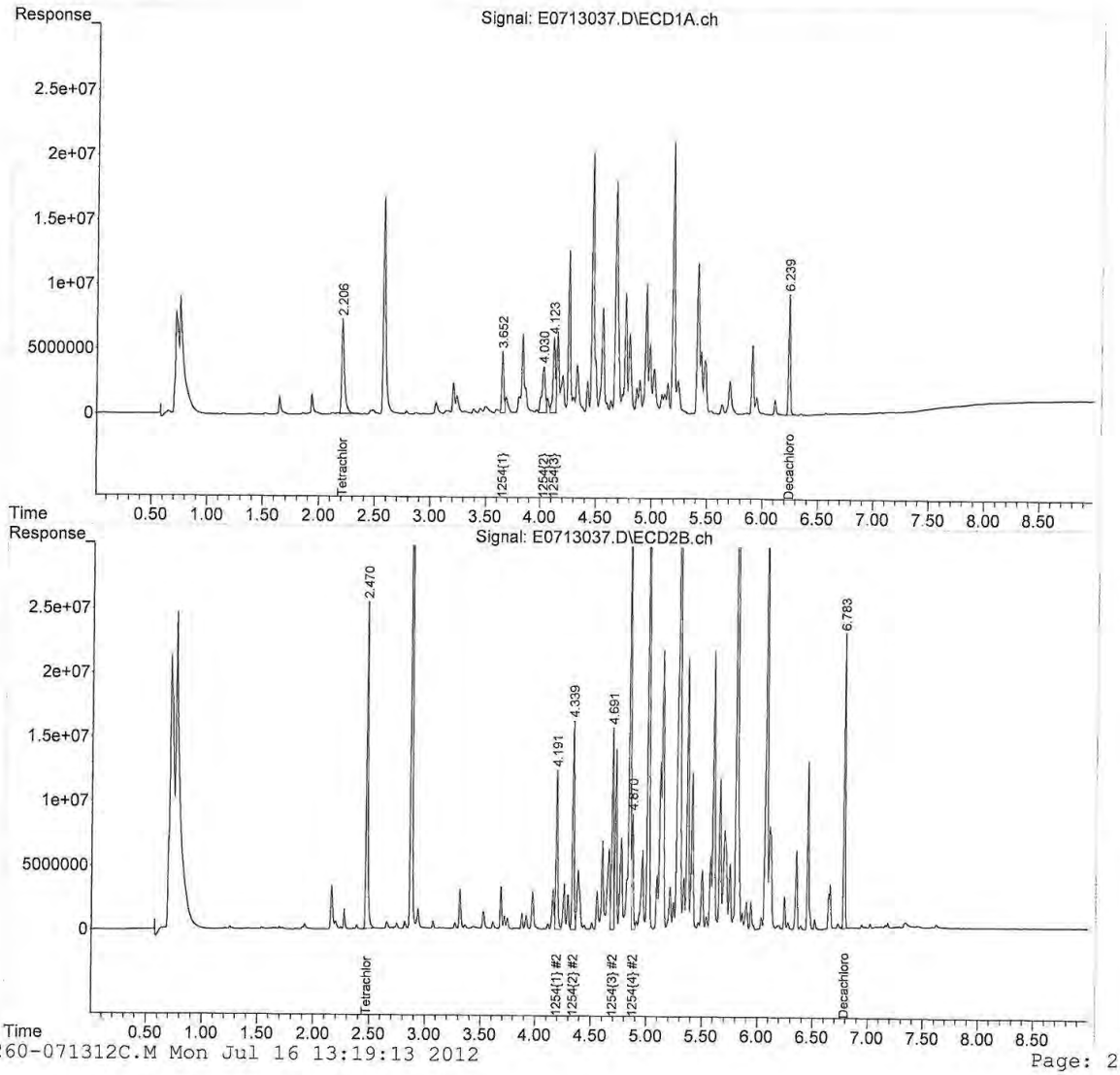
5-1260-071312C.M Mon Jul 16 13:19:11 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 8:31 pm
Operator : JMB
Sample : 12G0258-09@50X Inst : ECD 5
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:39:42 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



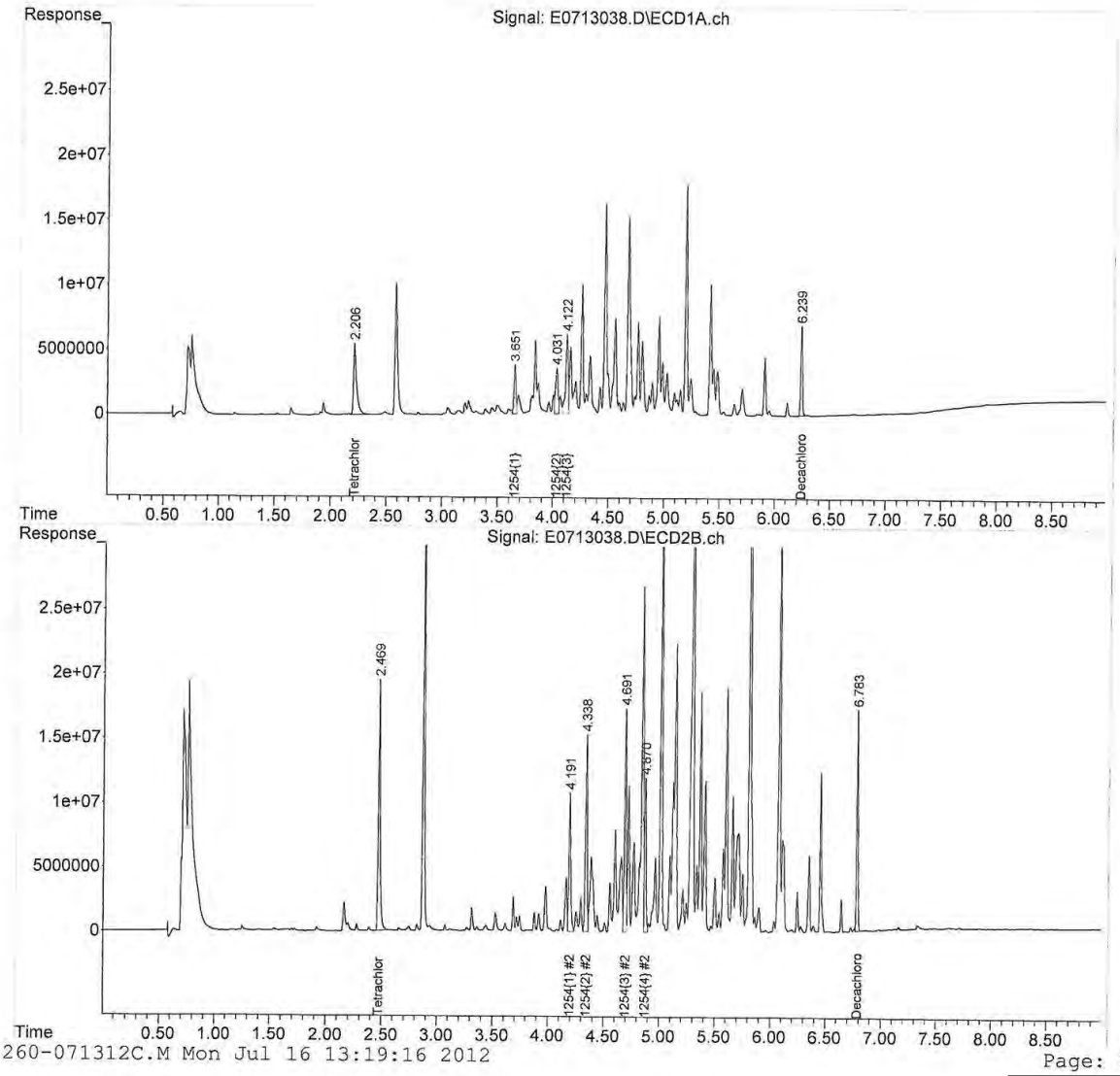
5-1260-071312C.M Mon Jul 16 13:19:13 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 8:44 pm
Operator : JMB
Sample : 12G0258-10@50X Inst : ECD 5
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:43:42 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



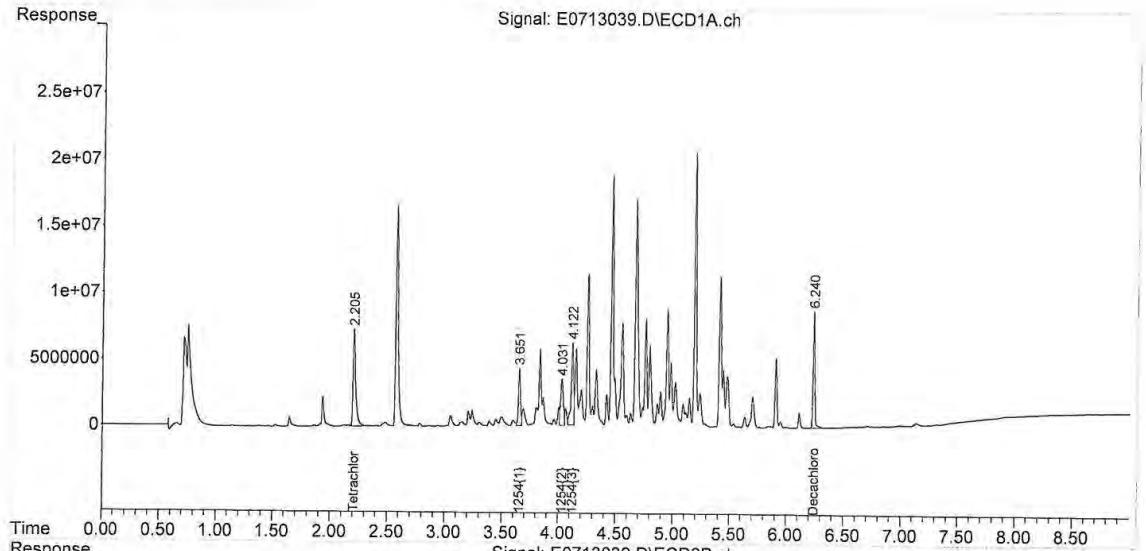
5-1260-071312C.M Mon Jul 16 13:19:16 2012 Page: 2

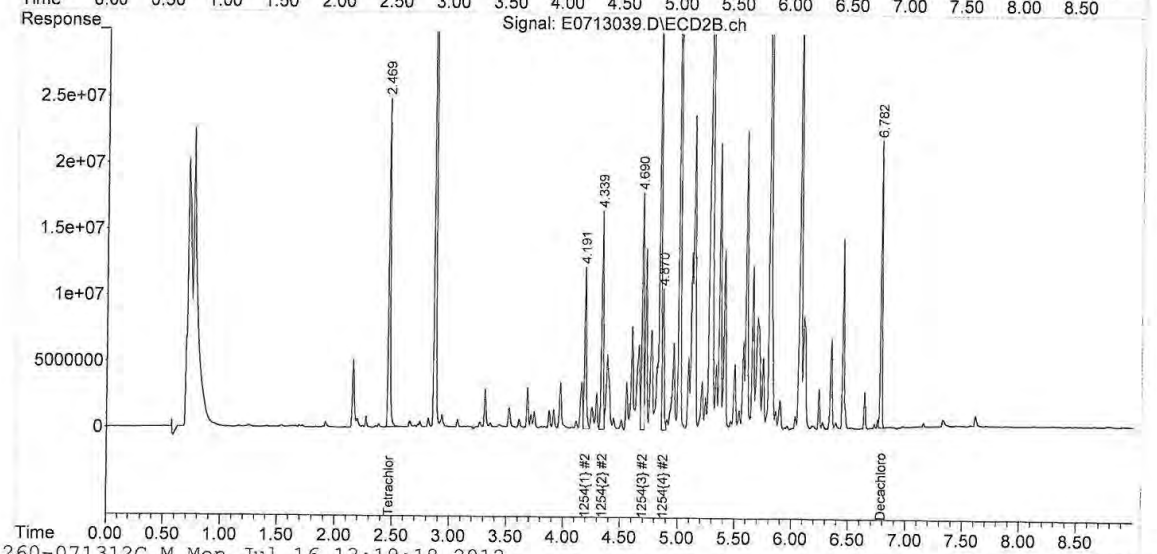
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 8:57 pm
Operator : JMB
Sample : 12G0258-11@50X Inst : ECD 5
Misc :
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:44:30 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



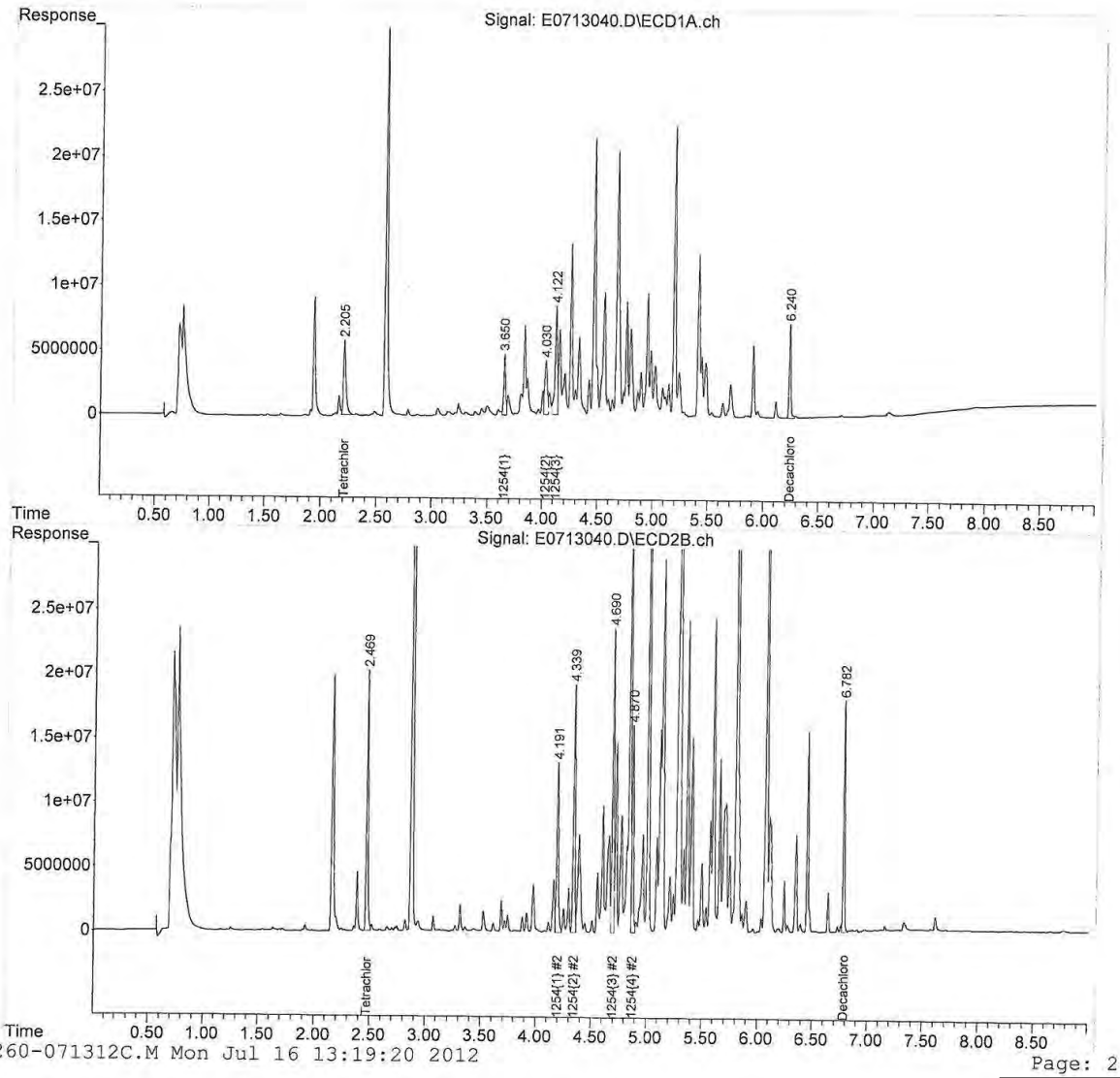


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 9:10 pm
Operator : JMB
Sample : 12G0258-12@50X Inst : ECD 5
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:45:48 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



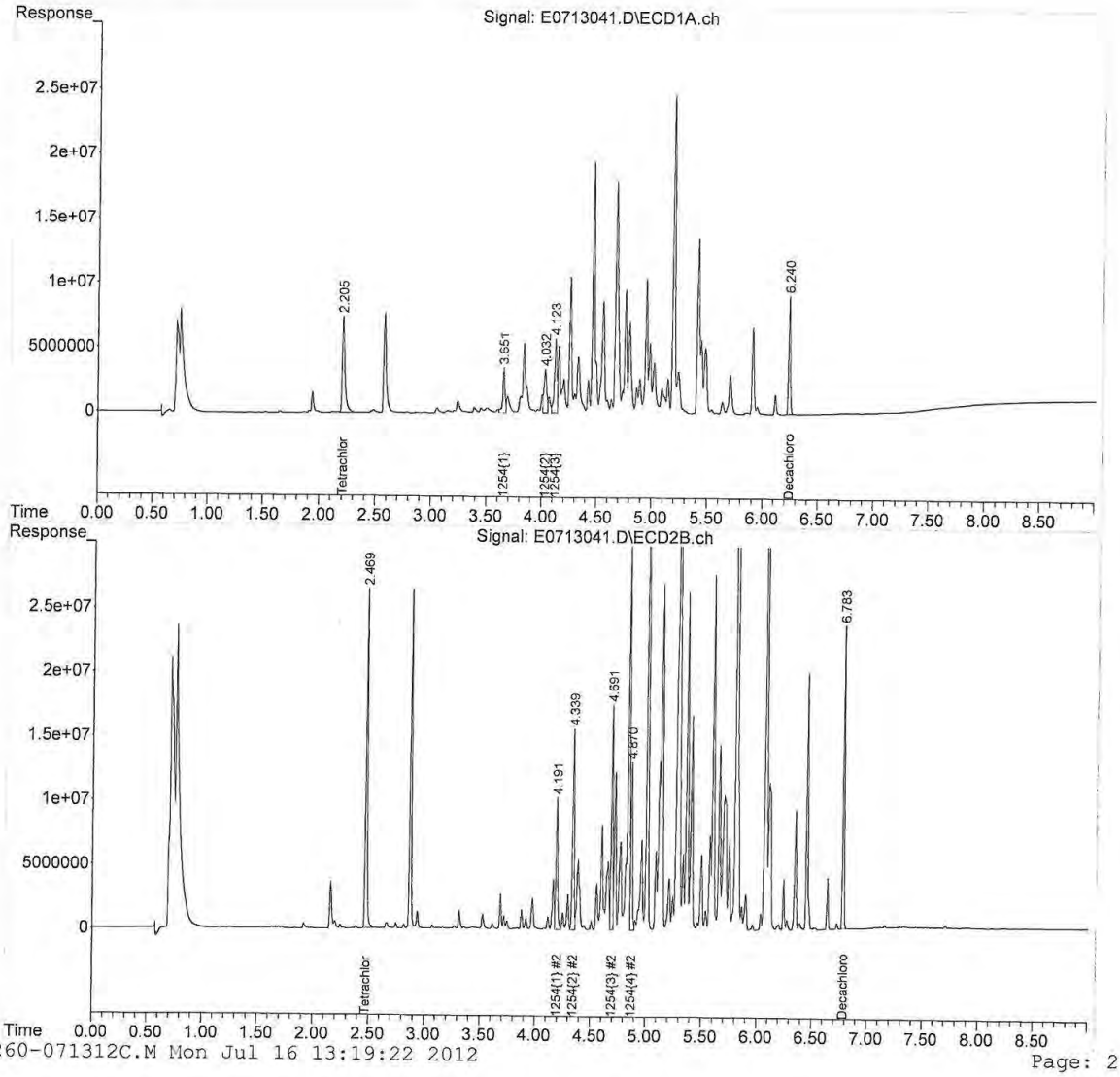
5-1260-071312C.M Mon Jul 16 13:19:20 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : E0713041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2012 9:23 pm
Operator : JMB
Sample : 12G0258-16@50X Inst : ECD 5
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 16 11:46:43 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



5-1260-071312C.M Mon Jul 16 13:19:22 2012 Page: 2

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond-NUSCO

Project Number: 12G0258

Laboratory Sample ID(s):

12G0258-01 thru 12G0258-16

Sample Date(s):

06/27/2012,
06/29/2012

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Laboratory Director**

Printed Name: **Michael A. Erickson** **Date:** **07/16/12**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 17, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0285

Enclosed are results of analyses for samples received by the laboratory on July 10, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/17/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0285

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FB-1	12G0285-01	Water		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

12G0285-01[FB-1], B054919-BLK1, B054919-BS1, B054919-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0285

Date Received: 7/10/2012

Field Sample #: FB-1 | Sampled: 7/7/2012 10:30

Sample ID: 12G0285-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1260 [1]	ND	0.20	µg/L	1	R-05	SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	7/12/12	7/13/12 21:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	32.7	30-150		7/13/12 21:40
Decachlorobiphenyl [2]	36.9	30-150		7/13/12 21:40
Tetrachloro-m-xylene [1]	83.2	30-150		7/13/12 21:40
Tetrachloro-m-xylene [2]	93.8	30-150		7/13/12 21:40

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0285-01 [FB-1]	B054919	1000	10.0	07/12/12

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B054919 - SW-846 3510C											
Blank (B054919-BLK1)				Prepared: 07/12/12 Analyzed: 07/13/12							
Aroclor-1016	ND	0.20	µg/L								
Aroclor-1016 [2C]	ND	0.20	µg/L								R-05
Aroclor-1221	ND	0.20	µg/L								
Aroclor-1221 [2C]	ND	0.20	µg/L								
Aroclor-1232	ND	0.20	µg/L								
Aroclor-1232 [2C]	ND	0.20	µg/L								
Aroclor-1242	ND	0.20	µg/L								
Aroclor-1242 [2C]	ND	0.20	µg/L								
Aroclor-1248	ND	0.20	µg/L								
Aroclor-1248 [2C]	ND	0.20	µg/L								
Aroclor-1254	ND	0.20	µg/L								
Aroclor-1254 [2C]	ND	0.20	µg/L								
Aroclor-1260	ND	0.20	µg/L								R-05
Aroclor-1260 [2C]	ND	0.20	µg/L								R-05
Aroclor-1262	ND	0.20	µg/L								
Aroclor-1262 [2C]	ND	0.20	µg/L								
Aroclor-1268	ND	0.20	µg/L								
Aroclor-1268 [2C]	ND	0.20	µg/L								
Surrogate: Decachlorobiphenyl	*0.711*		µg/L	2.00		35.5	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.824*		µg/L	2.00		41.2	30-150				
Surrogate: Tetrachloro-m-xylene	*0.874*		µg/L	2.00		43.7	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*1.00*		µg/L	2.00		50.0	30-150				
LCS (B054919-BS1)				Prepared: 07/12/12 Analyzed: 07/13/12							
Aroclor-1016	0.48	0.20	µg/L	0.500		96.2	40-140				
Aroclor-1016 [2C]	0.50	0.20	µg/L	0.500		99.0	40-140				R-05
Aroclor-1260	0.40	0.20	µg/L	0.500		79.3	40-140				R-05
Aroclor-1260 [2C]	0.45	0.20	µg/L	0.500		89.4	40-140				R-05
Surrogate: Decachlorobiphenyl	*1.31*		µg/L	2.00		65.7	30-150				
Surrogate: Decachlorobiphenyl [2C]	*1.52*		µg/L	2.00		76.0	30-150				
Surrogate: Tetrachloro-m-xylene	*1.70*		µg/L	2.00		85.2	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*1.93*		µg/L	2.00		96.5	30-150				
LCS Dup (B054919-BSD1)				Prepared: 07/12/12 Analyzed: 07/13/12							
Aroclor-1016	0.58	0.20	µg/L	0.500		115	40-140	17.9		20	
Aroclor-1016 [2C]	0.62	0.20	µg/L	0.500		125	40-140	**22.8**	*	20	R-05
Aroclor-1260	0.51	0.20	µg/L	0.500		102	40-140	**24.7**	*	20	R-05
Aroclor-1260 [2C]	0.57	0.20	µg/L	0.500		113	40-140	**23.7**	*	20	R-05
Surrogate: Decachlorobiphenyl	*1.60*		µg/L	2.00		80.1	30-150				
Surrogate: Decachlorobiphenyl [2C]	*1.86*		µg/L	2.00		92.9	30-150				
Surrogate: Tetrachloro-m-xylene	*2.10*		µg/L	2.00		105	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*2.37*		µg/L	2.00		118	30-150				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,RI,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1221	CT,NH,NY,RI,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1232	CT,NH,NY,RI,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1242	CT,NH,NY,RI,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1248	CT,NH,NY,RI,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1254	CT,NH,NY,RI,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1260	CT,NH,NY,RI,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 55
Page 917 of 4786

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

12G0285

Company Name: WESTON & SAMPSON FOR NUSCO
Address: 273 DIVIDEND RD
ROCKY HILL, CT
Attention: JEFF DUIGOU
Project Location: BERLIN SETTLING POND
Sampled By: JEFF DUIGOU

Telephone: (860)513-1473
Project # –
Client PO# 022611129

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # (860)513-1483
Email: DUIGOUJ@WSEINC.COM
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Method 8082)	Soxhlet Extr. (Meth. 3540 C)	# of Containers	** Preservation	***Container Code
01	FB-1	7/9/12	1030		✓			✓	✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: ALSO SEND RESULTS TO C. SORKA @ NUSCO

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
J. Willem	7/10/12 0825
Received by: (signature)	Date/Time:
	7/10/12 825
Relinquished by: (signature)	Date/Time:
	7/10/12 545
Received by: (signature)	Date/Time:
	7/10/12 1746

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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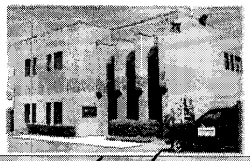

Sample Receipt Checklist

CLIENT NAME: Weston & Sampson **RECEIVED BY:** WF **DATE:** 7/10/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.7
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 18, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond-NUSCO
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0320

Enclosed are results of analyses for samples received by the laboratory on July 11, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/18/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0320

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond-NUSCO

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B11-5 8.5-9.0ft	12G0320-01	Soil		SM 2540G	
				SW-846 8082A	
B17-5 8.0-8.5ft	12G0320-02	Soil		SM 2540G	
				SW-846 8082A	
B18-5 9.0-9.5ft	12G0320-03	Soil		SM 2540G	
				SW-846 8082A	
B19-5 9.5-10ft	12G0320-04	Soil		SM 2540G	
				SW-846 8082A	
B28-3 4.5-5.0ft	12G0320-05	Soil		SM 2540G	
				SW-846 8082A	
B29-5 8.0-8.5ft	12G0320-06	Soil		SM 2540G	
				SW-846 8082A	
B40-5 9.5-10.0ft	12G0320-07	Soil		SM 2540G	
				SW-846 8082A	
B53-5 8.0-8.5ft	12G0320-08	Soil		SM 2540G	
				SW-846 8082A	
B67-5 9.0-9.5ft	12G0320-09	Soil		SM 2540G	
				SW-846 8082A	
B66-5 9.5-10.0ft	12G0320-10	Soil		SM 2540G	
				SW-846 8082A	
B76-5 (9.0-9.5)	12G0320-11	Soil		SM 2540G	
				SW-846 8082A	
B88-5 9.5-10.0ft	12G0320-12	Soil		SM 2540G	
				SW-846 8082A	
B12-5 8.0-8.5ft	12G0320-13	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12G0320-05[B28-3 4.5-5.0ft]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B11-5 8.5-9.0ft Sampled: 6/27/2012 08:20

Sample ID: 12G0320-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/14/12 3:07
Decachlorobiphenyl [2]	102	30-150		7/14/12 3:07
Tetrachloro-m-xylene [1]	102	30-150		7/14/12 3:07
Tetrachloro-m-xylene [2]	103	30-150		7/14/12 3:07

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B11-5 8.5-9.0ft | Sampled: 6/27/2012 08:20

Sample ID: 12G0320-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B17-5 8.0-8.5ft Sampled: 6/27/2012 10:02

Sample ID: 12G0320-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.0	30-150		7/14/12 3:20
Decachlorobiphenyl [2]	93.7	30-150		7/14/12 3:20
Tetrachloro-m-xylene [1]	92.3	30-150		7/14/12 3:20
Tetrachloro-m-xylene [2]	94.1	30-150		7/14/12 3:20

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B17-5 8.0-8.5ft | Sampled: 6/27/2012 10:02

Sample ID: 12G0320-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B18-5 9.0-9.5ft Sampled: 6/27/2012 10:12

Sample ID: 12G0320-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/14/12 3:33
Decachlorobiphenyl [2]	104	30-150		7/14/12 3:33
Tetrachloro-m-xylene [1]	101	30-150		7/14/12 3:33
Tetrachloro-m-xylene [2]	103	30-150		7/14/12 3:33

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B18-5 9.0-9.5ft | Sampled: 6/27/2012 10:12

Sample ID: 12G0320-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B19-5 9.5-10ft Sampled: 6/27/2012 10:22

Sample ID: 12G0320-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1254 [2]	0.29	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1260 [2]	0.33	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 3:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/14/12 3:46
Decachlorobiphenyl [2]	104	30-150		7/14/12 3:46
Tetrachloro-m-xylene [1]	101	30-150		7/14/12 3:46
Tetrachloro-m-xylene [2]	103	30-150		7/14/12 3:46

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B19-5 9.5-10ft Sampled: 6/27/2012 10:22

Sample ID: 12G0320-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B28-3 4.5-5.0ft Sampled: 6/27/2012 10:50

Sample ID: 12G0320-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1254 [2]	1.7	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1260 [2]	2.7	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/16/12 10:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/16/12 10:33
Decachlorobiphenyl [2]	*	30-150	S-01	7/16/12 10:33
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/16/12 10:33
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/16/12 10:33

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B28-3 4.5-5.0ft Sampled: 6/27/2012 10:50

Sample ID: 12G0320-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B29-5 8.0-8.5ft Sampled: 6/27/2012 12:00

Sample ID: 12G0320-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	102	30-150				7/14/12 4:12	
Decachlorobiphenyl [2]	101	30-150				7/14/12 4:12	
Tetrachloro-m-xylene [1]	98.0	30-150				7/14/12 4:12	
Tetrachloro-m-xylene [2]	99.6	30-150				7/14/12 4:12	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B29-5 8.0-8.5ft | Sampled: 6/27/2012 12:00

Sample ID: 12G0320-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B40-5 9.5-10.0ft Sampled: 6/27/2012 13:26

Sample ID: 12G0320-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 4:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	102	30-150				7/14/12 4:50	
Decachlorobiphenyl [2]	102	30-150				7/14/12 4:50	
Tetrachloro-m-xylene [1]	100	30-150				7/14/12 4:50	
Tetrachloro-m-xylene [2]	102	30-150				7/14/12 4:50	

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B40-5 9.5-10.0ft Sampled: 6/27/2012 13:26

Sample ID: 12G0320-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.8		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B53-5 8.0-8.5ft Sampled: 6/27/2012 13:36

Sample ID: 12G0320-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	102	30-150		7/14/12 5:03	
Decachlorobiphenyl [2]	99.0	30-150		7/14/12 5:03	
Tetrachloro-m-xylene [1]	96.1	30-150		7/14/12 5:03	
Tetrachloro-m-xylene [2]	97.8	30-150		7/14/12 5:03	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B53-5 8.0-8.5ft | Sampled: 6/27/2012 13:36

Sample ID: 12G0320-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B67-5 9.0-9.5ft Sampled: 6/27/2012 13:48

Sample ID: 12G0320-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	98.9	30-150				7/14/12 5:16	
Decachlorobiphenyl [2]	96.7	30-150				7/14/12 5:16	
Tetrachloro-m-xylene [1]	98.0	30-150				7/14/12 5:16	
Tetrachloro-m-xylene [2]	99.6	30-150				7/14/12 5:16	

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B67-5 9.0-9.5ft Sampled: 6/27/2012 13:48

Sample ID: 12G0320-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B66-5 9.5-10.0ft Sampled: 6/27/2012 13:58

Sample ID: 12G0320-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	122	30-150		7/16/12 10:20
Decachlorobiphenyl [2]	136	30-150		7/16/12 10:20
Tetrachloro-m-xylene [1]	109	30-150		7/16/12 10:20
Tetrachloro-m-xylene [2]	130	30-150		7/16/12 10:20

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B66-5 9.5-10.0ft Sampled: 6/27/2012 13:58

Sample ID: 12G0320-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.8		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B76-5 (9.0-9.5) Sampled: 6/27/2012 15:10

Sample ID: 12G0320-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	94.2	30-150				7/14/12 5:41	
Decachlorobiphenyl [2]	93.1	30-150				7/14/12 5:41	
Tetrachloro-m-xylene [1]	93.6	30-150				7/14/12 5:41	
Tetrachloro-m-xylene [2]	94.7	30-150				7/14/12 5:41	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B76-5 (9.0-9.5) | Sampled: 6/27/2012 15:10

Sample ID: 12G0320-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B88-5 9.5-10.0ft Sampled: 6/27/2012 15:45

Sample ID: 12G0320-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 5:54	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	93.9	30-150				7/14/12 5:54	
Decachlorobiphenyl [2]	93.0	30-150				7/14/12 5:54	
Tetrachloro-m-xylene [1]	91.2	30-150				7/14/12 5:54	
Tetrachloro-m-xylene [2]	93.5	30-150				7/14/12 5:54	

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B88-5 9.5-10.0ft Sampled: 6/27/2012 15:45

Sample ID: 12G0320-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.3		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B12-5 8.0-8.5ft Sampled: 6/27/2012 09:35

Sample ID: 12G0320-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1254 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 6:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.6	30-150		7/14/12 6:07
Decachlorobiphenyl [2]	101	30-150		7/14/12 6:07
Tetrachloro-m-xylene [1]	98.1	30-150		7/14/12 6:07
Tetrachloro-m-xylene [2]	99.7	30-150		7/14/12 6:07

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0320

Date Received: 7/11/2012

Field Sample #: B12-5 8.0-8.5ft | Sampled: 6/27/2012 09:35

Sample ID: 12G0320-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	7/14/12	7/16/12 9:04	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0320-01 [B11-5 8.5-9.0ft]	B055096	07/14/12
12G0320-02 [B17-5 8.0-8.5ft]	B055096	07/14/12
12G0320-03 [B18-5 9.0-9.5ft]	B055096	07/14/12
12G0320-04 [B19-5 9.5-10ft]	B055096	07/14/12
12G0320-05 [B28-3 4.5-5.0ft]	B055096	07/14/12
12G0320-06 [B29-5 8.0-8.5ft]	B055096	07/14/12
12G0320-07 [B40-5 9.5-10.0ft]	B055096	07/14/12
12G0320-08 [B53-5 8.0-8.5ft]	B055096	07/14/12
12G0320-09 [B67-5 9.0-9.5ft]	B055096	07/14/12
12G0320-10 [B66-5 9.5-10.0ft]	B055096	07/14/12
12G0320-11 [B76-5 (9.0-9.5)]	B055096	07/14/12
12G0320-12 [B88-5 9.5-10.0ft]	B055096	07/14/12
12G0320-13 [B12-5 8.0-8.5ft]	B055096	07/14/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0320-01 [B11-5 8.5-9.0ft]	B054881	10.2	10.0	07/11/12
12G0320-02 [B17-5 8.0-8.5ft]	B054881	10.1	10.0	07/11/12
12G0320-03 [B18-5 9.0-9.5ft]	B054881	10.2	10.0	07/11/12
12G0320-04 [B19-5 9.5-10ft]	B054881	10.1	10.0	07/11/12
12G0320-05 [B28-3 4.5-5.0ft]	B054881	10.0	10.0	07/11/12
12G0320-06 [B29-5 8.0-8.5ft]	B054881	10.2	10.0	07/11/12
12G0320-07 [B40-5 9.5-10.0ft]	B054881	10.1	10.0	07/11/12
12G0320-08 [B53-5 8.0-8.5ft]	B054881	10.1	10.0	07/11/12
12G0320-09 [B67-5 9.0-9.5ft]	B054881	10.2	10.0	07/11/12
12G0320-10 [B66-5 9.5-10.0ft]	B054881	10.2	10.0	07/11/12
12G0320-11 [B76-5 (9.0-9.5)]	B054881	10.3	10.0	07/11/12
12G0320-12 [B88-5 9.5-10.0ft]	B054881	10.3	10.0	07/11/12
12G0320-13 [B12-5 8.0-8.5ft]	B054881	10.3	10.0	07/11/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054881 - SW-846 3540C										
Blank (B054881-BLK1)				Prepared: 07/11/12 Analyzed: 07/14/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.213*		mg/Kg wet	0.200		107	30-150			
LCS (B054881-BS1)				Prepared: 07/11/12 Analyzed: 07/14/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		121	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Surrogate: Decachlorobiphenyl	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg wet	0.200		105	30-150			
LCS Dup (B054881-BSD1)				Prepared: 07/11/12 Analyzed: 07/14/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		108	40-140	3.39	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140	0.980	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140	0.623	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	0.438	30	
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg wet	0.200		99.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054881 - SW-846 3540C										
Matrix Spike (B054881-MS1)	**Source: 12G0320-01**			Prepared: 07/11/12 Analyzed: 07/14/12						
Aroclor-1016	0.22	0.11	mg/Kg dry	0.224	0.0	96.7	40-140			
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.224	0.0	104	40-140			
Aroclor-1260	0.23	0.11	mg/Kg dry	0.224	0.0	102	40-140			
Aroclor-1260 [2C]	0.24	0.11	mg/Kg dry	0.224	0.0	107	40-140			
Surrogate: Decachlorobiphenyl	*0.197*		mg/Kg dry	0.224		87.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.194*		mg/Kg dry	0.224		86.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg dry	0.224		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg dry	0.224		86.3	30-150			
Matrix Spike Dup (B054881-MSD1)	**Source: 12G0320-01**			Prepared: 07/11/12 Analyzed: 07/14/12						
Aroclor-1016	0.25	0.11	mg/Kg dry	0.224	0.0	110	40-140	13.3	50	
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.224	0.0	119	40-140	13.5	50	
Aroclor-1260	0.27	0.11	mg/Kg dry	0.224	0.0	120	40-140	15.9	50	
Aroclor-1260 [2C]	0.28	0.11	mg/Kg dry	0.224	0.0	124	40-140	15.1	50	
Surrogate: Decachlorobiphenyl	*0.241*		mg/Kg dry	0.224		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg dry	0.224		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg dry	0.224		97.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.220*		mg/Kg dry	0.224		98.0	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

12F0320

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East longmeadow, MA 01028

Page 1 of 6

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
	B11-2 (2.5-3.0)	6/27/12	0810		x	S	U	✓	✓	1	I	A
	B11-3 (4.5-5.0)		0815					✓	✓			
	B11-4 (6.5-7.0)		0818					✓	✓			
-1	B11-5 (8.5-9.0)		0820						✓			
	B12-2 (2.0-2.5)		0900					✓	✓			
	B12-3 (4.0-4.5)		0915					✓	✓			
	B12-4 (6.0-6.5)		0930					✓	✓			
-13	B12-5 (8.0-8.5)		0935						✓			
	B17-2 (2.0-2.5)		0956					✓	✓			
	B17-3 (4.0-4.5)		0958					✓	✓			

ANALYSIS REQUESTED

Comments:
RUSH (24hr) TAT for extraction and 5-day for PCB analysis..

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/10/12	1630
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East longmeadow, MA 01028

Page 2 of 6

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
	B17-4 (6.0-6.5)	6/27/12	1000		X	S	U	✓	✓			
-02	B17-5 (8.0-8.5)		1002						✓			
	B18-2 (3.0-3.5')		1006					✓	✓			
	B18-3 (5.0-5.5)		1008					✓	✓			
	B18-4 (7.0-7.5)		1010					✓	✓			
-03	B18-5 (9.0-9.5)		1012						✓			
	B19-2 (3.5-4.0)		1016					✓	✓			
	B19-3 (5.5-6.0)		1018					✓	✓			
	B19-4 (7.5-8.0)		1020					✓	✓			
-04	B19-5 (9.5-10.0)		1022						✓			

ANALYSIS REQUESTED

Comments:
RUSH (24hr) TAT for extraction and 5-day for PCB analysis..

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
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Relinquished by: (signature)	Date/Time:
[signature] 7/11/12	1630
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
◙ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
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◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
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O = other_____

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Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)
-05	B28-3 (4.5-5.0)	6/27/12	1050		X	S	U		✓
	B29-2 (2.0-2.5)		1130					✓	✓
	B29-3 (4.0-4.5) / DUP-14		1140					✓	✓
	B29-4 (6.0-6.5)		1150					✓	✓
-06	B29-5 (8.0-8.5)		1200						✓
	B39-2 (3.0-3.5)		1310					✓	✓
	B39-4 (7.0-7.5)		1314					✓	✓
	B40-2 (3.5-4.0)		1320					✓	✓
	B40-3 (5.5-6.0)		1322					✓	✓
	B40-4 (7.5-8.0)		1324					✓	✓

1 / 1 / A

ANALYSIS REQUESTED

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
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Comments:
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Received by: (signature)	Date/Time:
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Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

nelac AIHA NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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127320

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 4 of 6

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473

Address: 273 Dividend Rd Project # 860 513-1483

Rocky Hill, CT 06067 Client PO# 02261127

Attention: Jeff Duigou

Project Location: Berlin Settling Pond (Berlin, CT)

Sampled By: Nate Philippi

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)
-07	B40-5 (9.5-10.0)	6/27/12	1326		x	S	U		✓
	B53-2 (2.0-2.5)		1330					✓	✓
	B53-3 (4.0-4.5)		1332					✓	✓
	B53-4 (6.0-6.5)		1334					✓	✓
-08	B53-5 (8.0-8.5)		1336						✓
	B67-2 (3.0-3.5)		1340					✓	✓
	B67-3 (5.0-5.5)		1342					✓	✓
	B67-4 (7.0-7.5)		1344					✓	✓
-09	B67-5 (9.0-9.5)		1348						✓
	B66-2 (3.5-4.0)		1352					✓	✓

ANALYSIS REQUESTED

| | | | | | |

12F0320

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Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (Laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	ANALYSIS REQUESTED	# of Containers	** Preservation	***Container Code
								1					
								I					
								A					
	B66-4 (7.5-8.0)	6/27/12	1356		X	S	U	✓	✓				
-10	B66-5 (9.5-10.0)		1358						✓				
	B76-2 (3.0-3.5)		1455					✓	✓				
	B76-3 (5.0-5.5)		1500					✓	✓				
	B76-4 (7.0-7.5)		1505					✓	✓				
-11	B76-5 (9.0-9.5)		1510						✓				
	B88-2 (3.5-4.0) / DUP-15		1530					✓	✓				
	B88-3 (5.5-6.0)		1535					✓	✓				
	B88-4 (7.5-8.0)		1540					✓	✓				
-12	B88-5 (9.5-10.0)		1545						✓				

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments:
RUSH (24hr) TAT for extraction and 5-day for PCB analysis..

Relinquished by: (signature)	Date/Time:
W Sorokin 7/11/12	1630
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
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DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
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○ OTHER _____
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	B75-2 (2.0-2.5)	6/27/12	1548		x	s	U	✓	✓			
	B75-3 (4.0-4.5)		1515					✓	✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
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N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:
RUSH (24hr) TAT for extraction and 5-day for PCB analysis..

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/11/12	1630
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☑ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
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◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

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Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: SD DATE: 10/28/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
2) Does the chain agree with the samples? Yes (No)
If not, explain:
3) Are all the samples in good condition? (Yes) No
If not, explain:
4) How were the samples received:
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun (S.D) 4.5.7
5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) Do all samples have the proper Acid pH: Yes No (N/A)
9) Do all samples have the proper Base pH: Yes No (N/A)
10) Was the PC notified of any discrepancies with the CoC vs the samples: (Yes) No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	134
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Missing the 6th and 10th sample. Samples on the last page have no depth or time to go by.

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

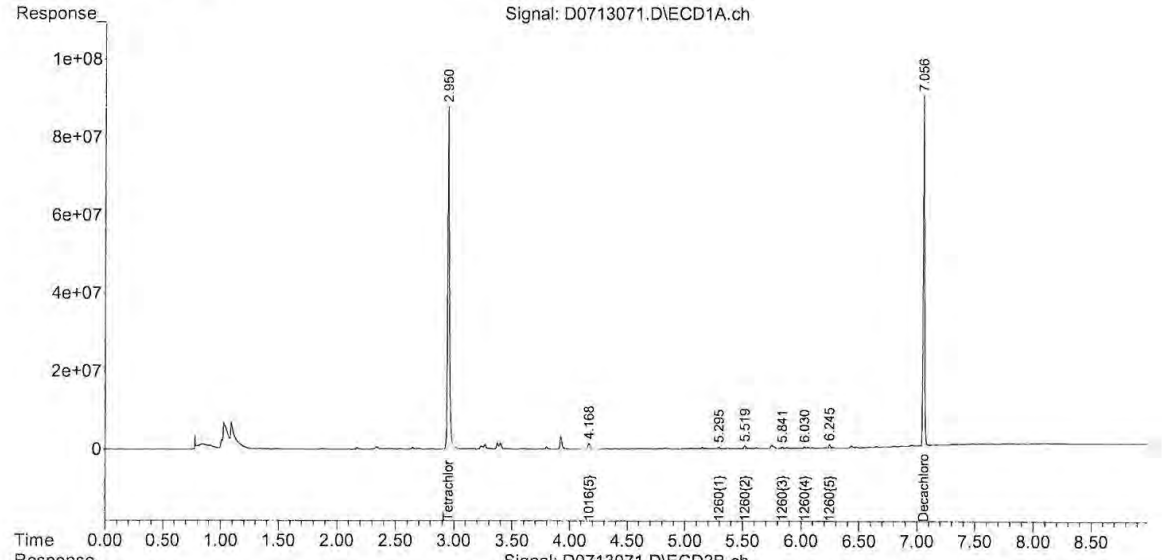
Doc# 277
Rev. 3 May 2012

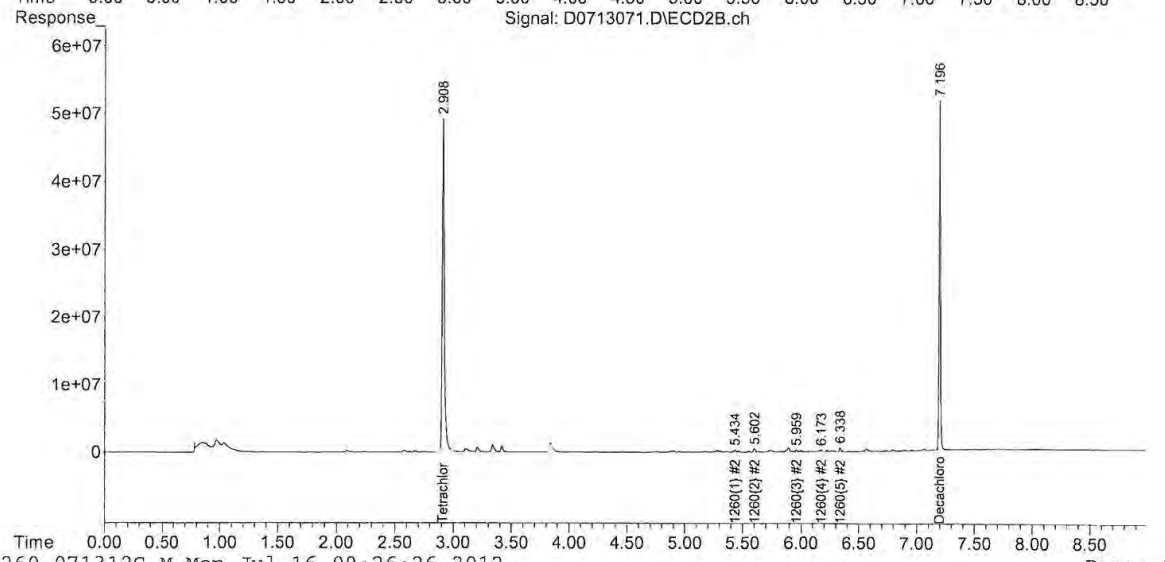
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 3:07 am
Operator : JMB
Sample : 12G0320-01@5X Inst : ECD 4
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:44:48 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



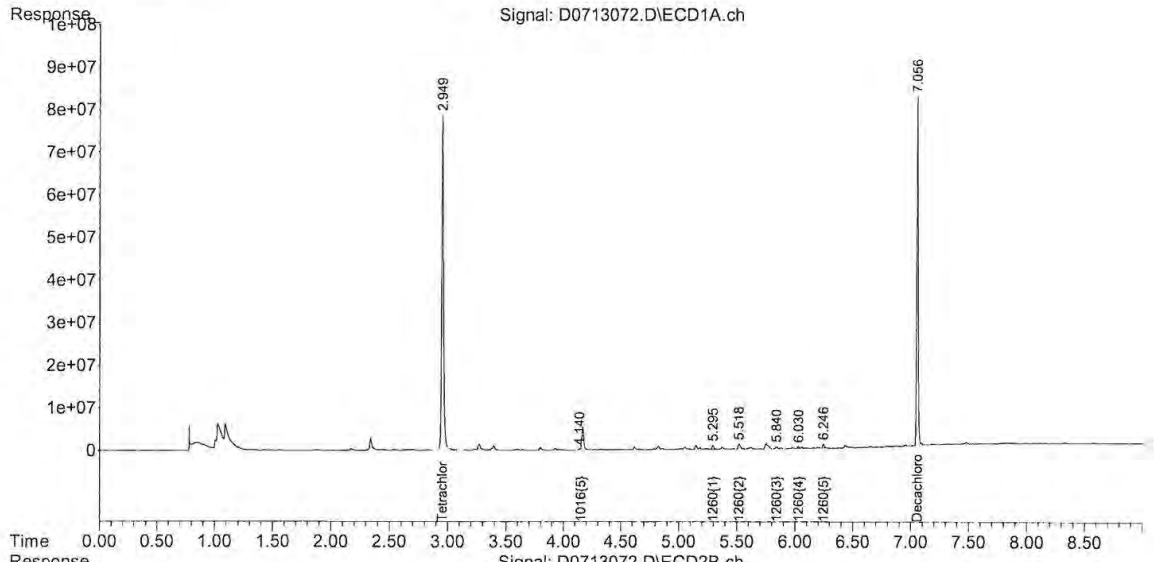


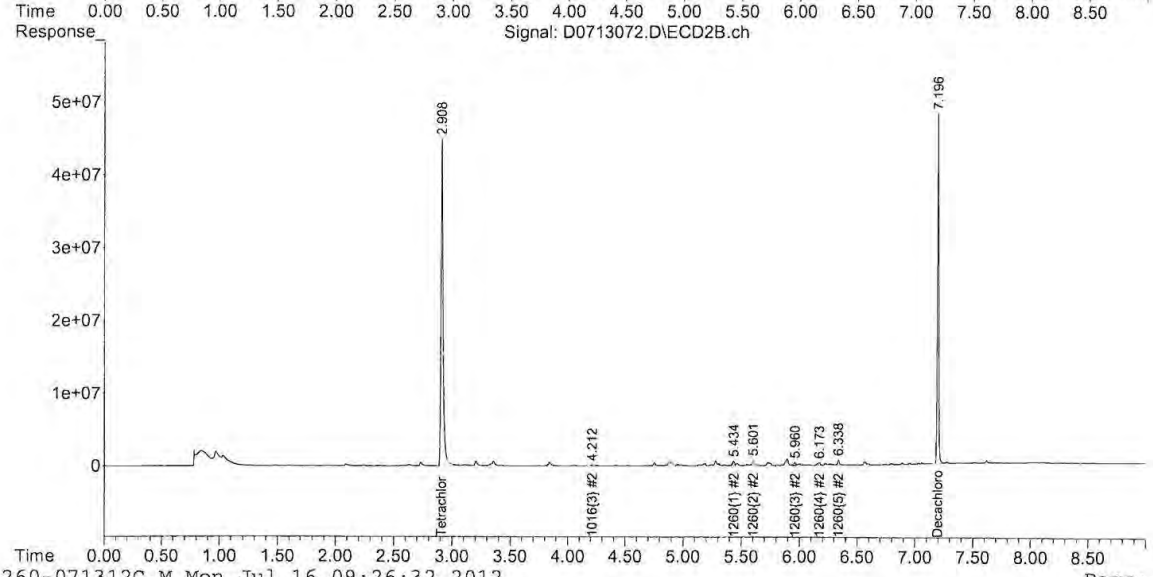
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 3:20 am
Operator : JMB
Sample : 12G0320-02@5X Inst : ECD 4
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:44:54 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



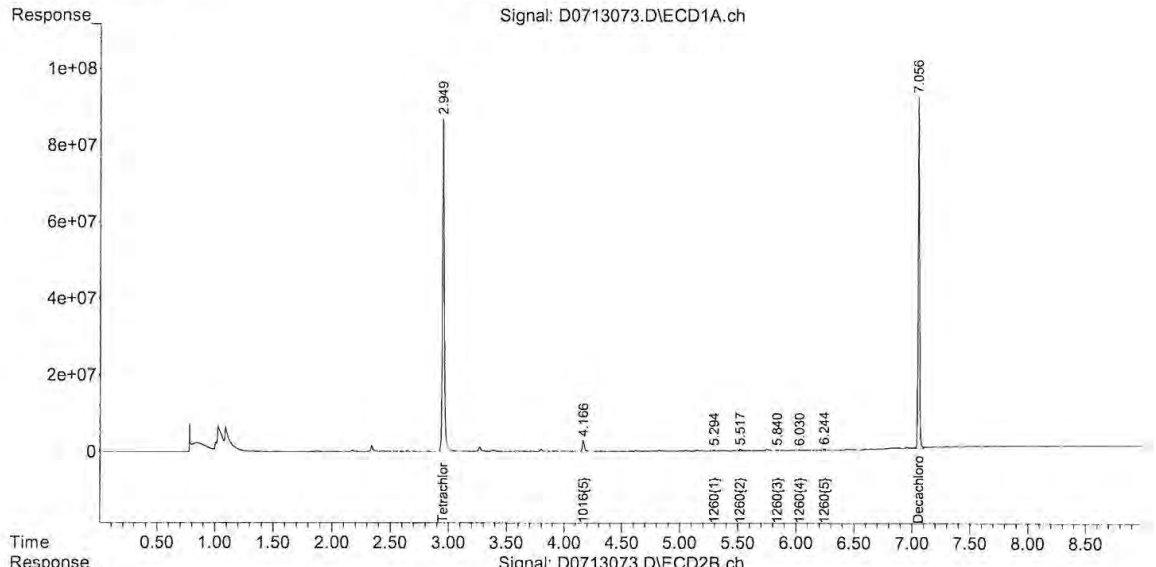


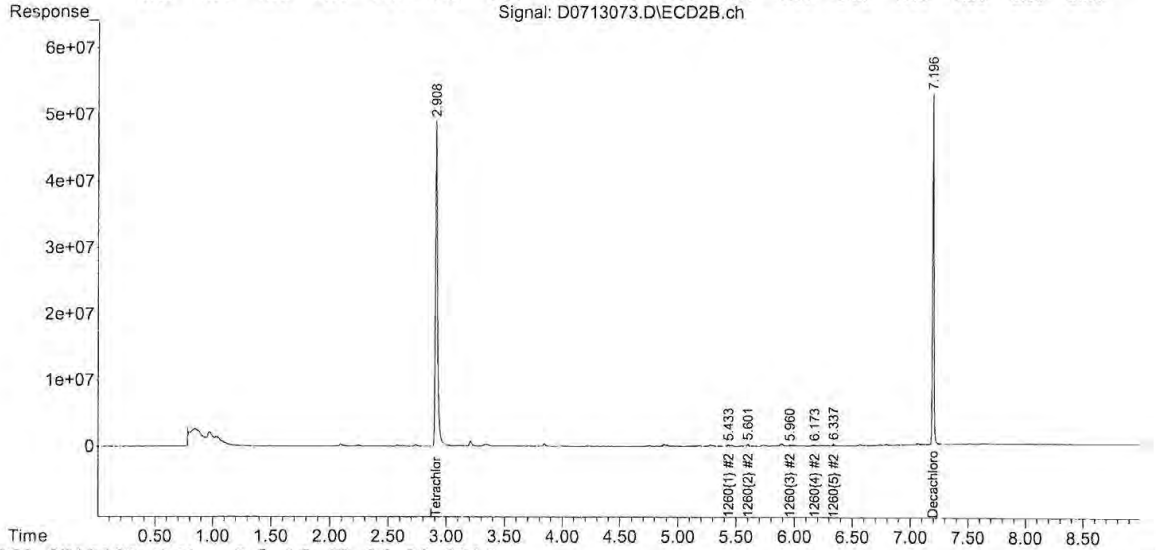
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 3:33 am
Operator : JMB
Sample : 12G0320-03@5X Inst : ECD 4
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:45:01 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



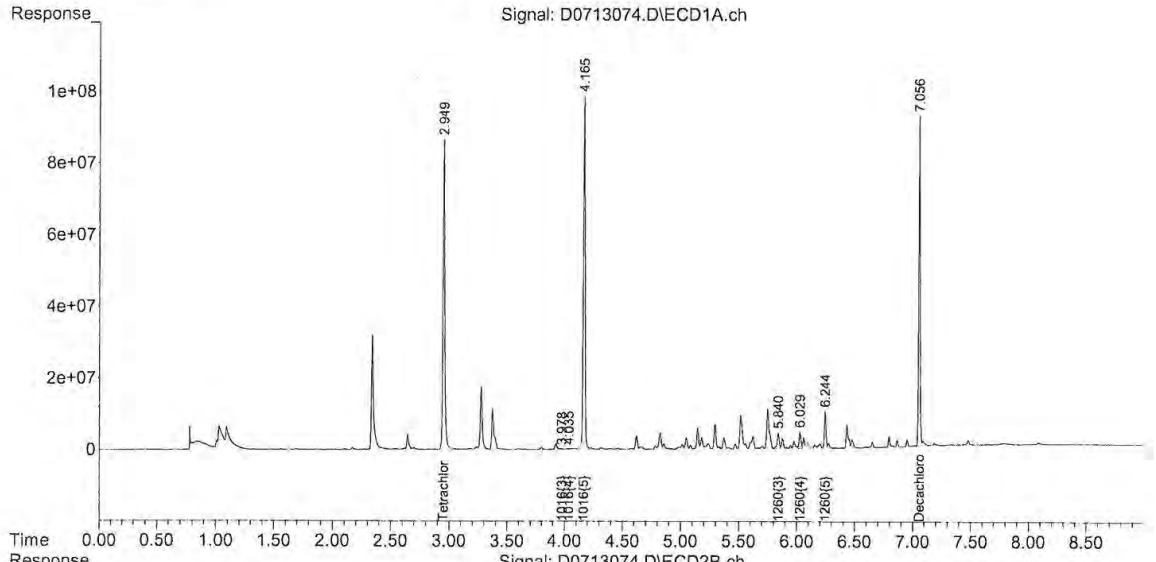


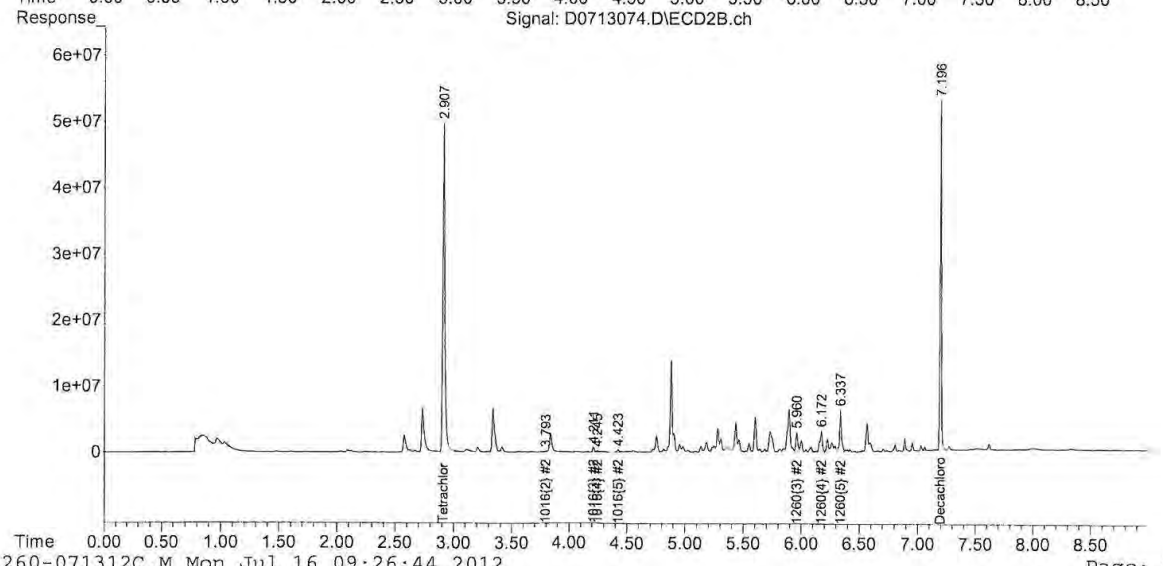
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 3:46 am
Operator : JMB
Sample : 12G0320-04@5X Inst : ECD 4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 16 09:22:25 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



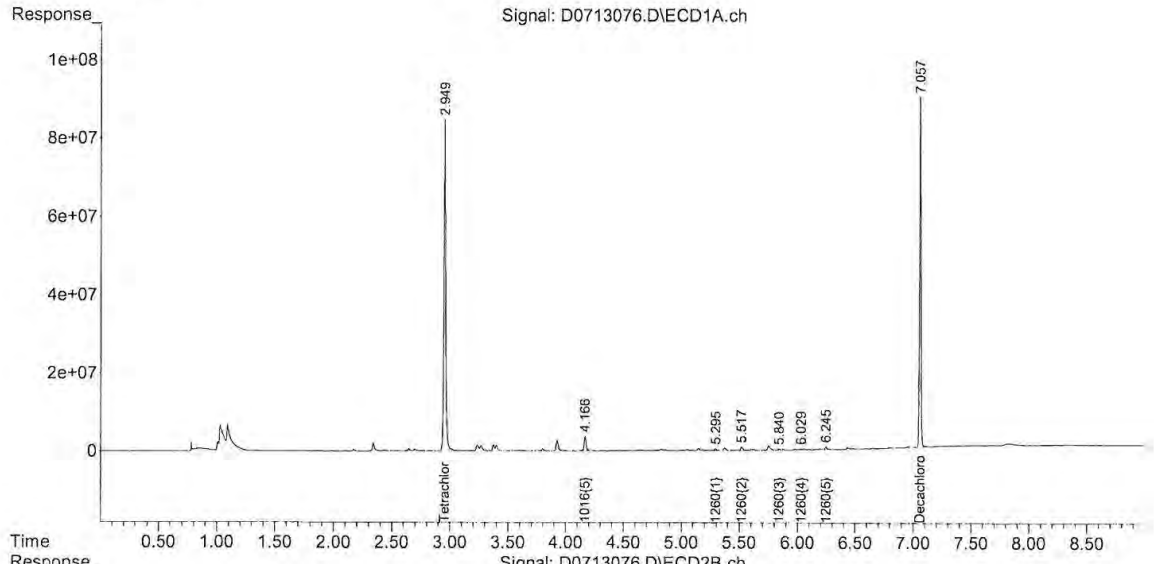


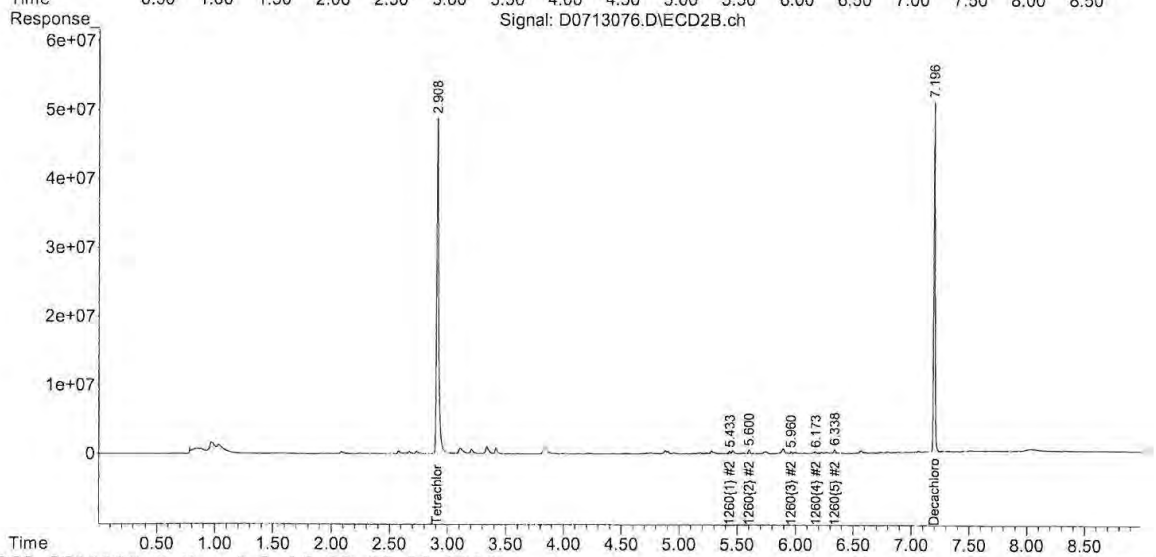
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 4:12 am
Operator : JMB
Sample : 12G0320-06@5X Inst : ECD 4
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:45:22 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





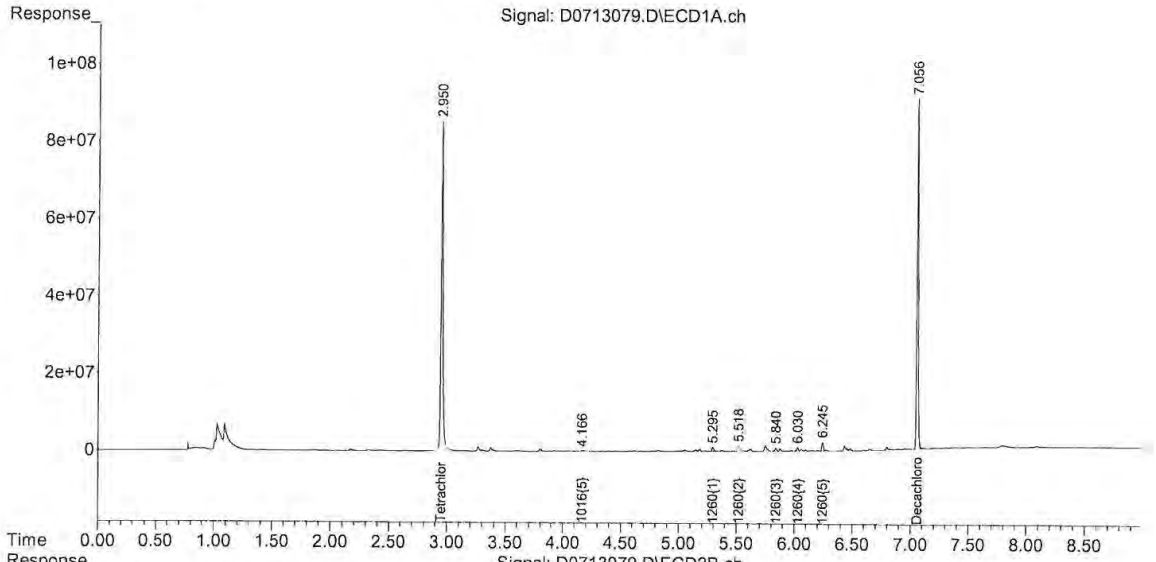
4-1260-071312C.M Mon Jul 16 09:26:50 2012 Page: 2

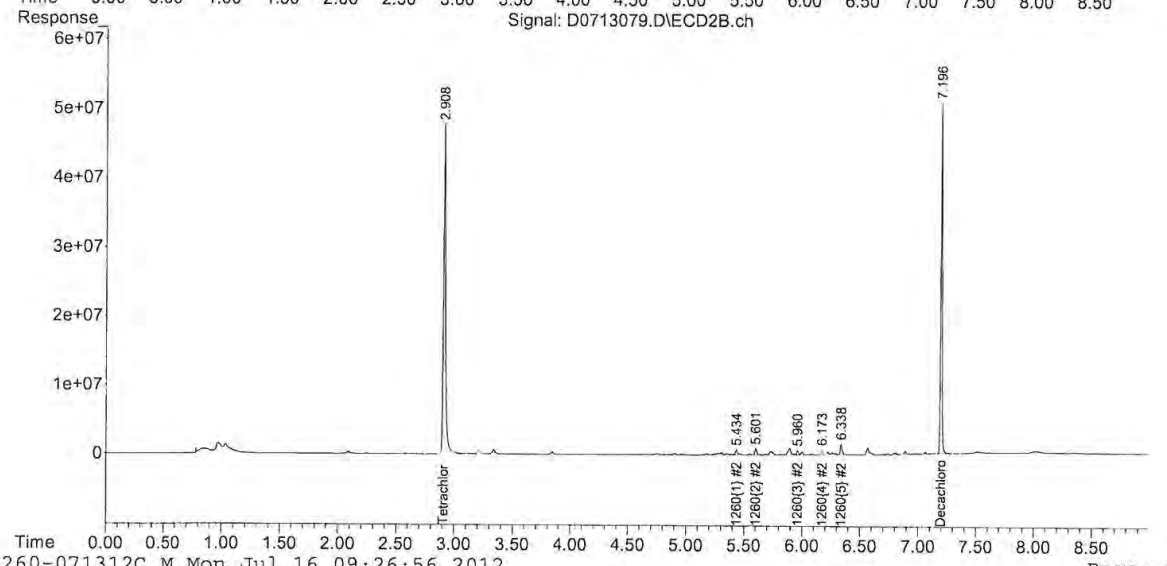
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 4:50 am
Operator : JMB
Sample : 12G0320-07@5X Inst : ECD 4
Misc :
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:45:41 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



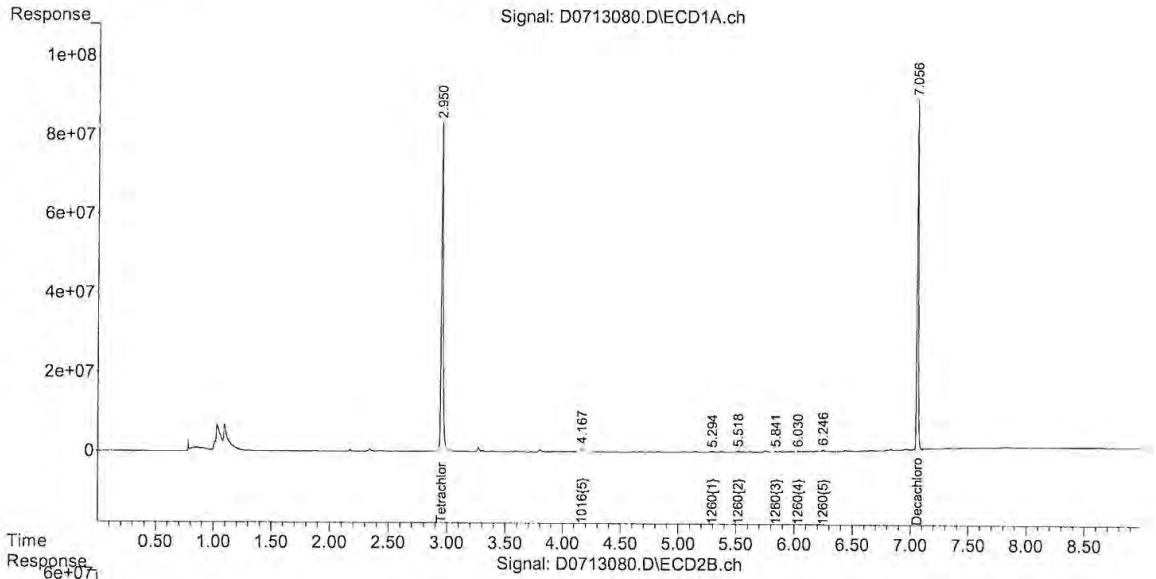


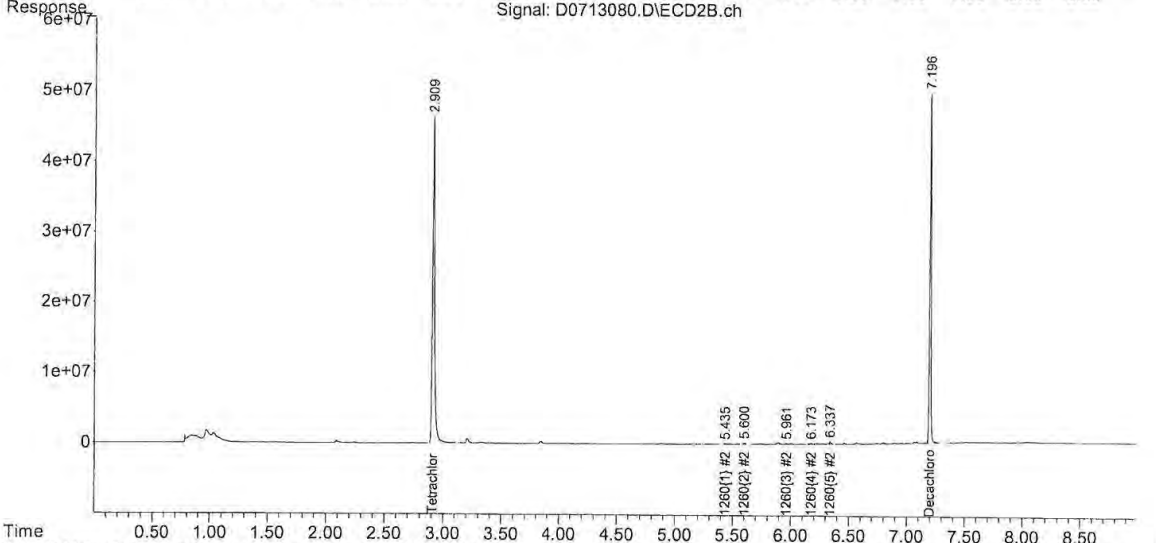
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 5:03 am
Operator : JMB
Sample : 12G0320-08@5X Inst : ECD 4
Misc :
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:45:47 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



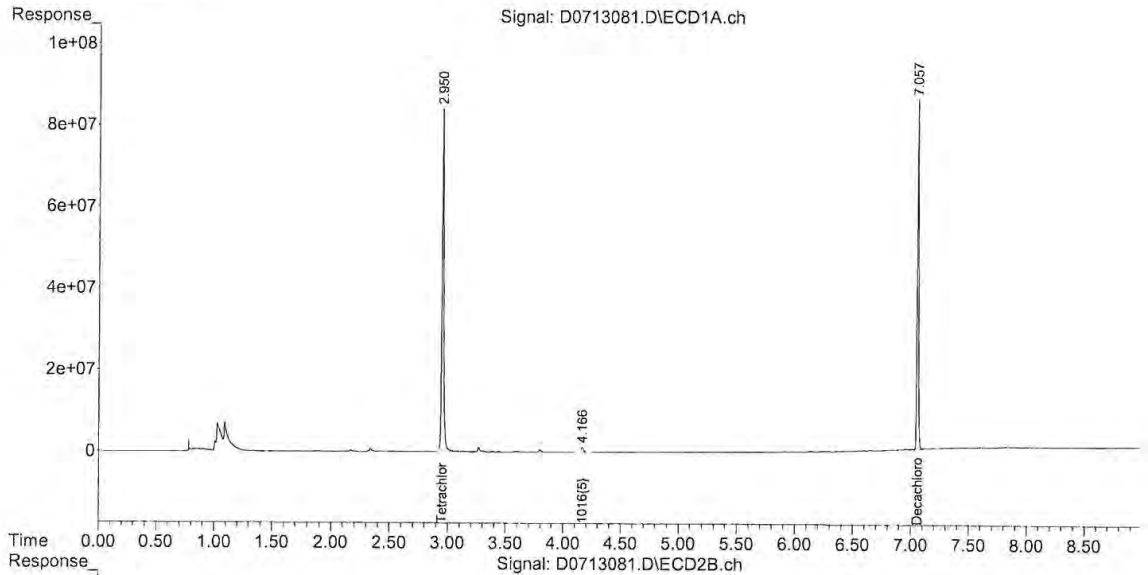


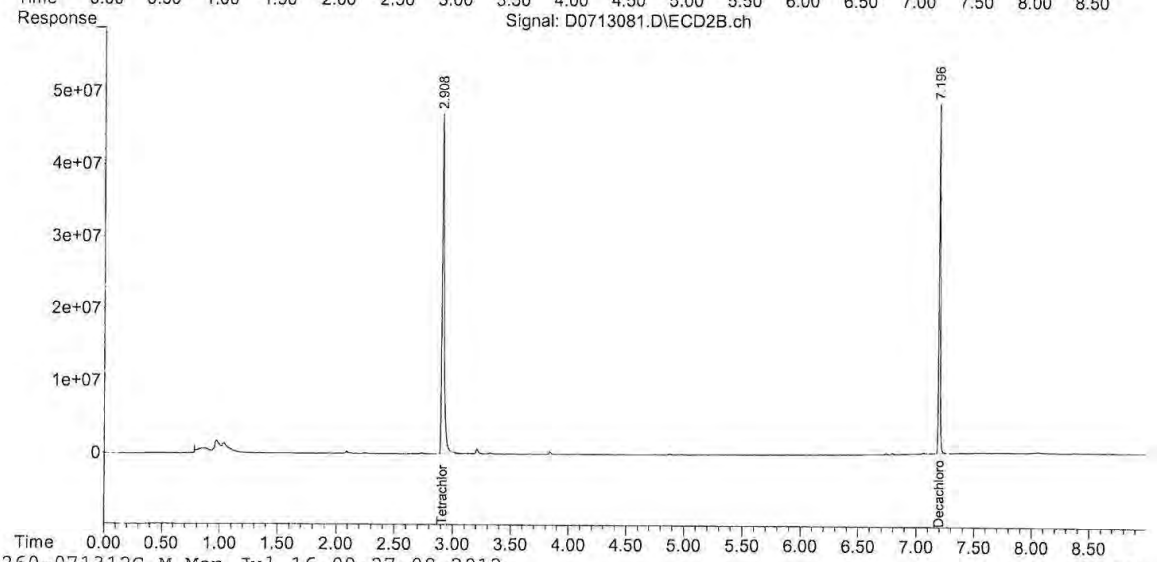
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 5:16 am
Operator : JMB
Sample : 12G0320-09@5X Inst : ECD 4
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:45:53 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



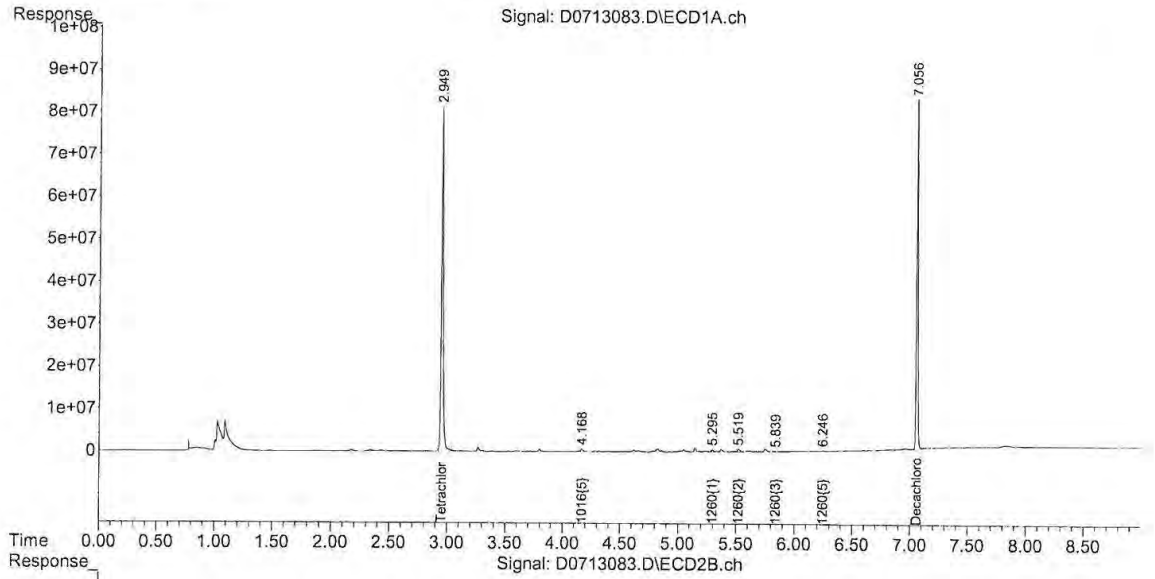


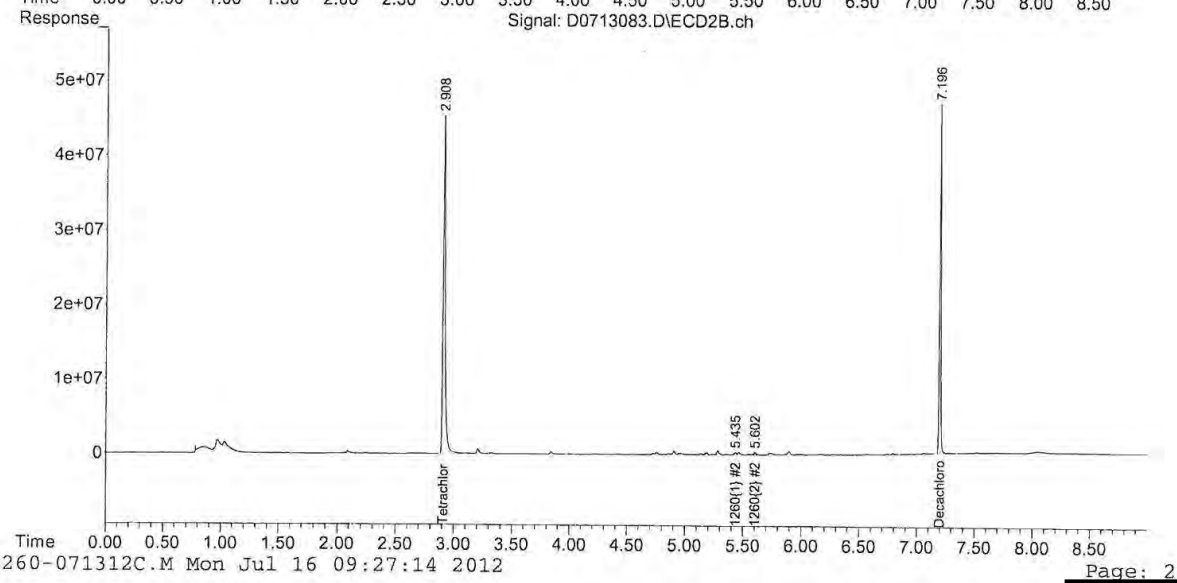
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 5:41 am
Operator : JMB
Sample : 12G0320-11@5X Inst : ECD 4
Misc :
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:46:05 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



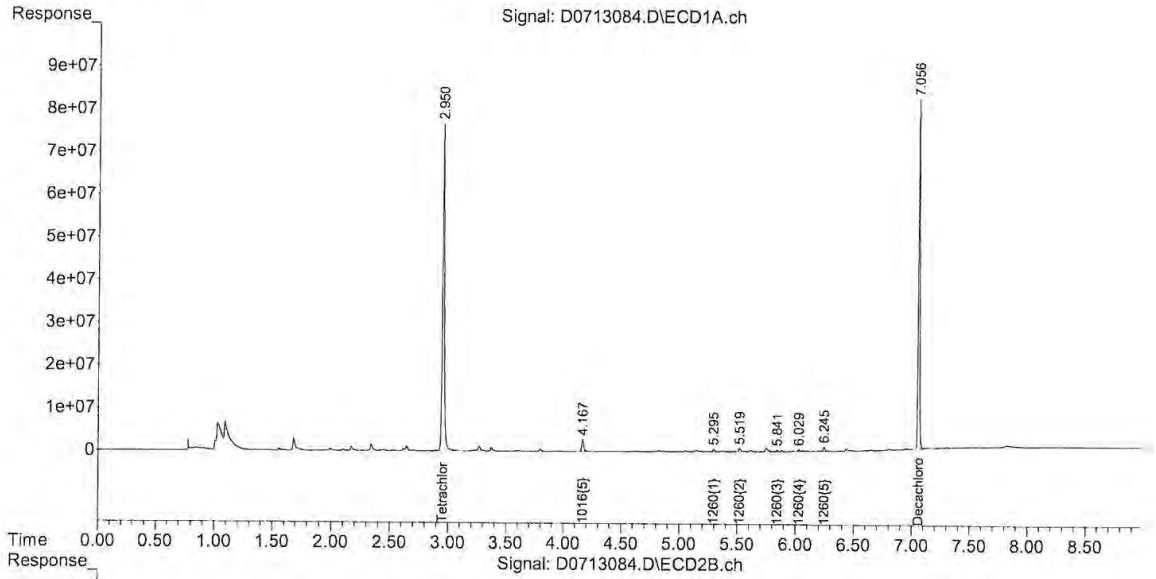


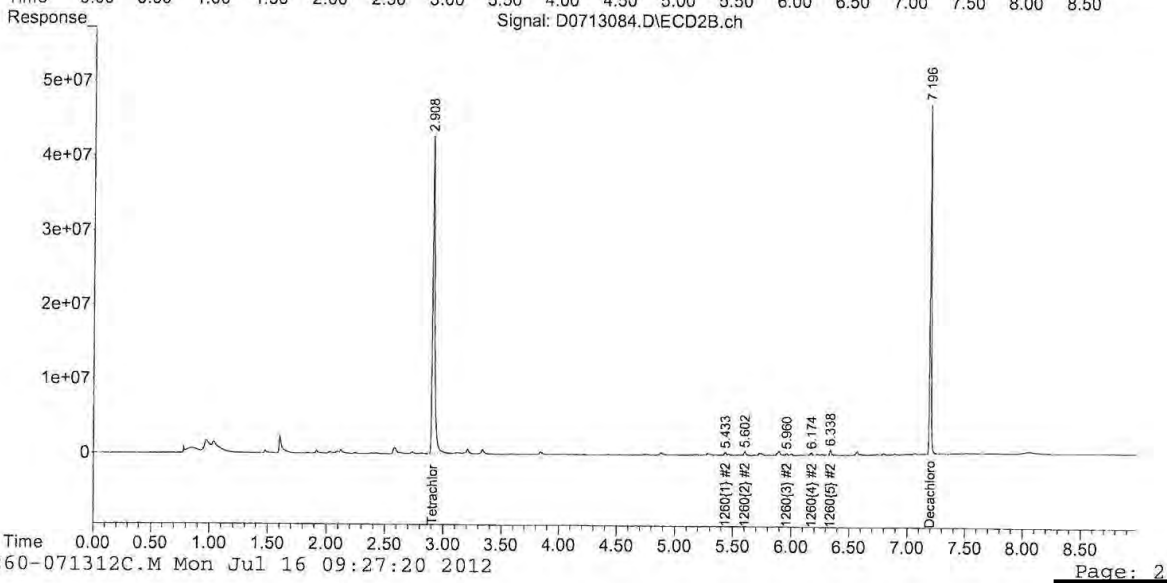
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 5:54 am
Operator : JMB
Sample : 12G0320-12@5X Inst : ECD 4
Misc :
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:46:11 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



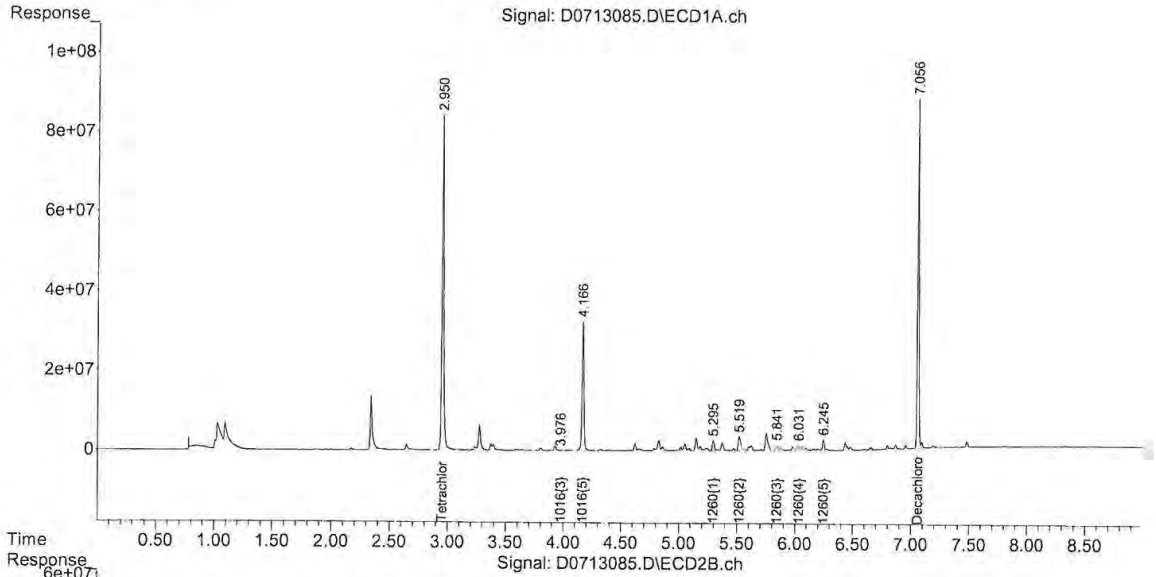


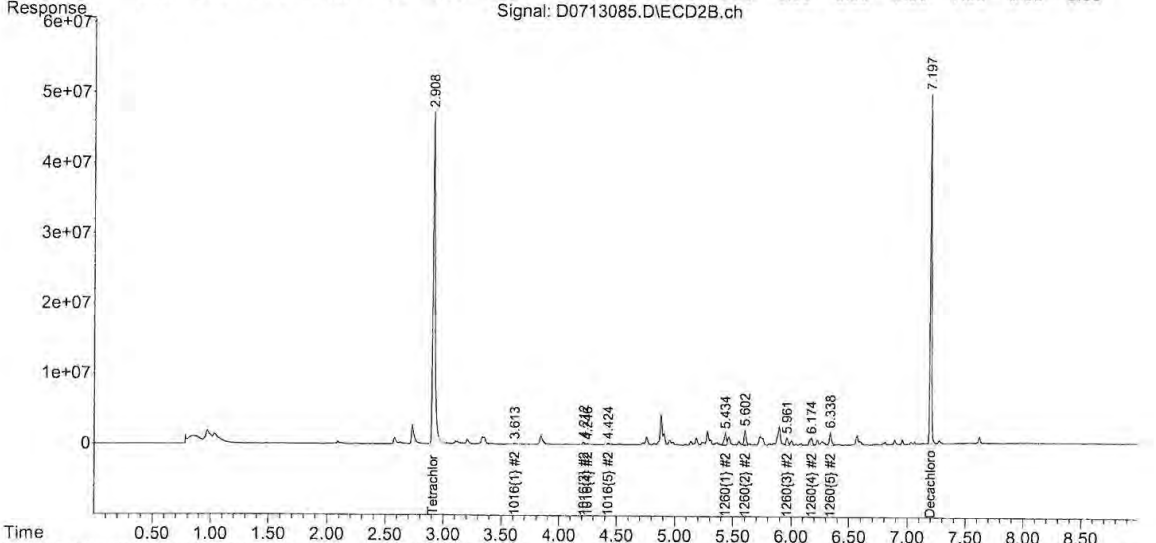
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071312\
Data File : D0713085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2012 6:07 am
Operator : JMB
Sample : 12G0320-13@5X Inst : ECD 4
Misc :
ALS Vial : 85 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 15 04:46:18 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071312C.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 16:09:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



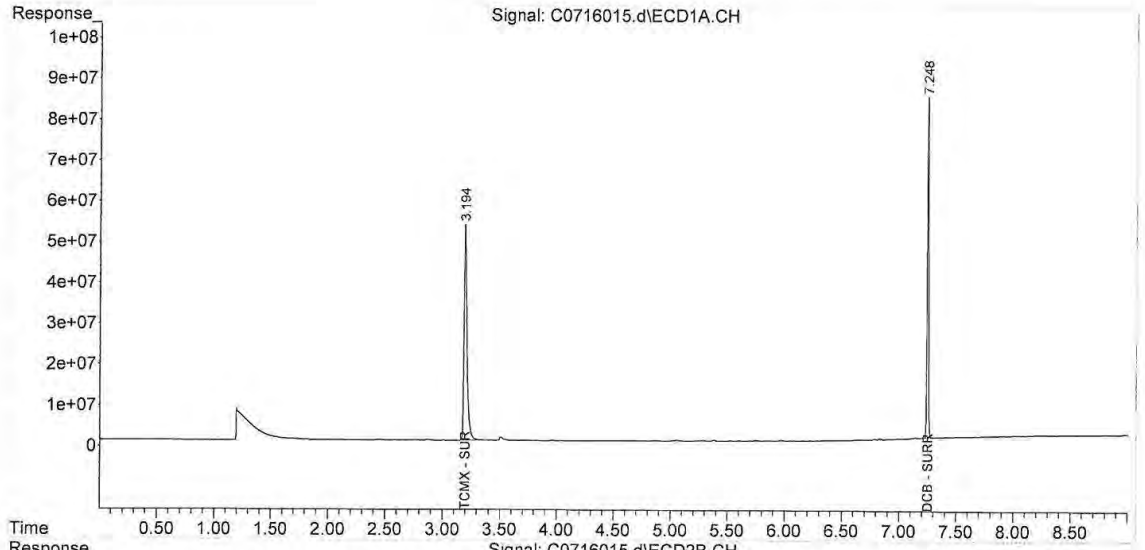


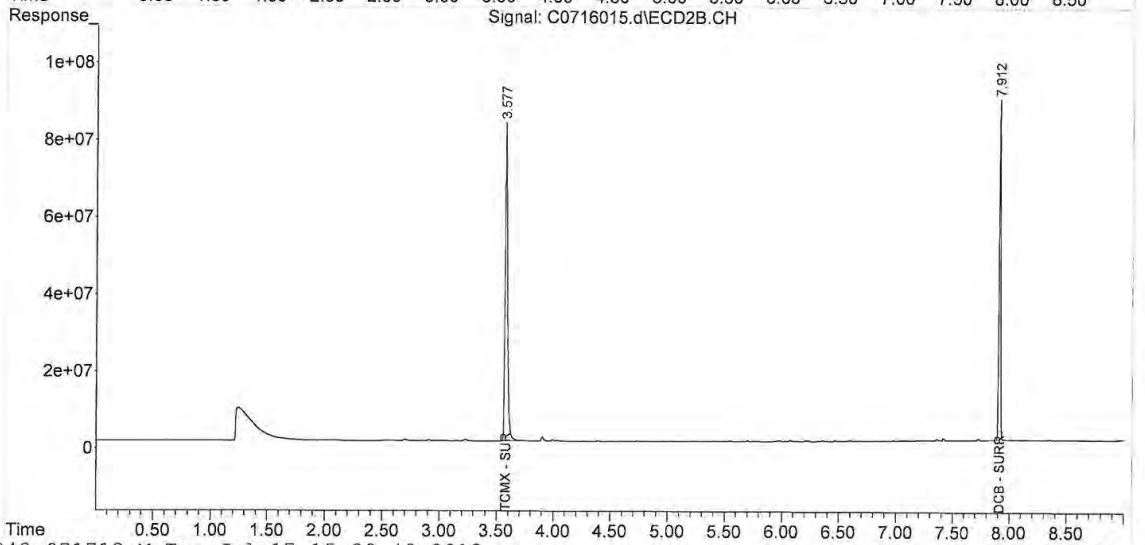
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716015.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 10:20 am
Operator : JMB
Sample : 12G0320-10@5X TBA Inst : DUAL ECD3
Misc :
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 16 14:46:22 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



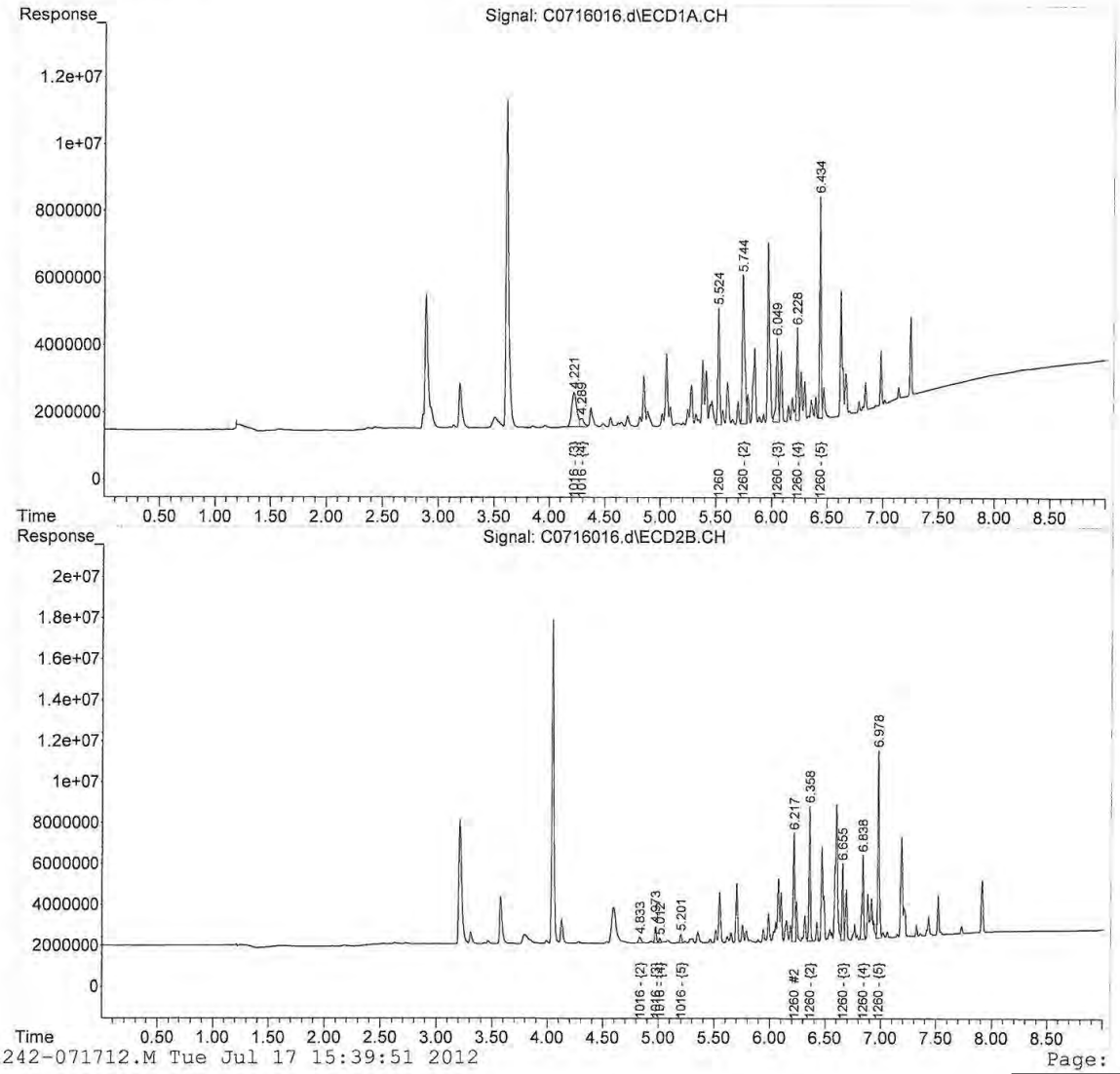


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716016.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 10:33 am
Operator : JMB
Sample : 12G0320-05@50X Inst : DUAL ECD3
Misc :
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 16 14:46:24 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond-NUSCO

Project Number: 12G0320

Laboratory Sample ID(s):
12G0320-01 thru 12G0320-13

Sample Date(s):
06/27/2012

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: Michael A. Erickson **Date:** 07/18/12

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 20, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond (Berlin, CT)
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0446

Enclosed are results of analyses for samples received by the laboratory on July 13, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/20/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0446

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond (Berlin, CT)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B62-2 (2.0-2.5)	12G0446-01	Soil		SM 2540G	
				SW-846 8082A	
B72-2 (2.0-2.5)	12G0446-02	Soil		SM 2540G	
				SW-846 8082A	
B81-2 (2.0-2.5)	12G0446-03	Soil		SM 2540G	
				SW-846 8082A	
B85-2 (2.0-2.5)	12G0446-04	Soil		SM 2540G	
				SW-846 8082A	
B86-2 (2.0-2.5)	12G0446-05	Soil		SM 2540G	
				SW-846 8082A	
B82-2 (2.0-2.5)	12G0446-06	Soil		SM 2540G	
				SW-846 8082A	
B63-2 (2.0-2.5)	12G0446-07	Soil		SM 2540G	
				SW-846 8082A	
B59-3 (4.0-4.5)	12G0446-08	Soil		SM 2540G	
				SW-846 8082A	
B59-4 (6.0-6.5)	12G0446-09	Soil		SM 2540G	
				SW-846 8082A	
B27-2 (2.0-2.5)	12G0446-10	Soil		SM 2540G	
				SW-846 8082A	
B27-3 (4.0-4.5)	12G0446-11	Soil		SM 2540G	
				SW-846 8082A	
B74-3 (4.0-4.5)	12G0446-12	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B62-2 (2.0-2.5) Sampled: 6/29/2012 10:30

Sample ID: 12G0446-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1254 [1]	0.42	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1260 [1]	0.62	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/17/12 20:00
Decachlorobiphenyl [2]	86.2	30-150		7/17/12 20:00
Tetrachloro-m-xylene [1]	92.6	30-150		7/17/12 20:00
Tetrachloro-m-xylene [2]	91.6	30-150		7/17/12 20:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B62-2 (2.0-2.5) Sampled: 6/29/2012 10:30

Sample ID: 12G0446-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.6		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B72-2 (2.0-2.5) Sampled: 6/29/2012 11:04

Sample ID: 12G0446-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.9	30-150		7/17/12 3:06
Decachlorobiphenyl [2]	103	30-150		7/17/12 3:06
Tetrachloro-m-xylene [1]	89.5	30-150		7/17/12 3:06
Tetrachloro-m-xylene [2]	108	30-150		7/17/12 3:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B72-2 (2.0-2.5) Sampled: 6/29/2012 11:04

Sample ID: 12G0446-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B81-2 (2.0-2.5) Sampled: 6/29/2012 11:14

Sample ID: 12G0446-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.8	30-150		7/17/12 3:19
Decachlorobiphenyl [2]	112	30-150		7/17/12 3:19
Tetrachloro-m-xylene [1]	95.1	30-150		7/17/12 3:19
Tetrachloro-m-xylene [2]	114	30-150		7/17/12 3:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B81-2 (2.0-2.5) Sampled: 6/29/2012 11:14

Sample ID: 12G0446-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B85-2 (2.0-2.5) Sampled: 6/29/2012 11:24

Sample ID: 12G0446-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.1	30-150		7/17/12 3:32
Decachlorobiphenyl [2]	109	30-150		7/17/12 3:32
Tetrachloro-m-xylene [1]	92.5	30-150		7/17/12 3:32
Tetrachloro-m-xylene [2]	110	30-150		7/17/12 3:32

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B85-2 (2.0-2.5) Sampled: 6/29/2012 11:24

Sample ID: 12G0446-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.2		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B86-2 (2.0-2.5) Sampled: 6/29/2012 11:34

Sample ID: 12G0446-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/17/12 3:45
Decachlorobiphenyl [2]	126	30-150		7/17/12 3:45
Tetrachloro-m-xylene [1]	107	30-150		7/17/12 3:45
Tetrachloro-m-xylene [2]	126	30-150		7/17/12 3:45

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B86-2 (2.0-2.5) Sampled: 6/29/2012 11:34

Sample ID: 12G0446-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B82-2 (2.0-2.5) Sampled: 6/29/2012 11:44

Sample ID: 12G0446-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 3:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.3	30-150		7/17/12 3:58
Decachlorobiphenyl [2]	110	30-150		7/17/12 3:58
Tetrachloro-m-xylene [1]	88.8	30-150		7/17/12 3:58
Tetrachloro-m-xylene [2]	106	30-150		7/17/12 3:58

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B82-2 (2.0-2.5) Sampled: 6/29/2012 11:44

Sample ID: 12G0446-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B63-2 (2.0-2.5) Sampled: 6/29/2012 12:32

Sample ID: 12G0446-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1260 [1]	0.13	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/18/12 11:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/18/12 11:25
Decachlorobiphenyl [2]	94.8	30-150		7/18/12 11:25
Tetrachloro-m-xylene [1]	93.9	30-150		7/18/12 11:25
Tetrachloro-m-xylene [2]	93.5	30-150		7/18/12 11:25

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B63-2 (2.0-2.5) Sampled: 6/29/2012 12:32

Sample ID: 12G0446-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B59-3 (4.0-4.5) Sampled: 6/29/2012 12:44

Sample ID: 12G0446-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:24	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	100	30-150				7/17/12 4:24	
Decachlorobiphenyl [2]	113	30-150				7/17/12 4:24	
Tetrachloro-m-xylene [1]	91.1	30-150				7/17/12 4:24	
Tetrachloro-m-xylene [2]	109	30-150				7/17/12 4:24	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B59-3 (4.0-4.5) Sampled: 6/29/2012 12:44

Sample ID: 12G0446-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B59-4 (6.0-6.5) Sampled: 6/29/2012 12:46

Sample ID: 12G0446-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 4:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	111	30-150				7/17/12 4:36	
Decachlorobiphenyl [2]	126	30-150				7/17/12 4:36	
Tetrachloro-m-xylene [1]	105	30-150				7/17/12 4:36	
Tetrachloro-m-xylene [2]	124	30-150				7/17/12 4:36	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B59-4 (6.0-6.5) Sampled: 6/29/2012 12:46

Sample ID: 12G0446-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B27-2 (2.0-2.5) Sampled: 6/29/2012 13:22

Sample ID: 12G0446-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1254 [1]	0.16	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1260 [1]	0.25	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 20:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		7/17/12 20:26
Decachlorobiphenyl [2]	103	30-150		7/17/12 20:26
Tetrachloro-m-xylene [1]	103	30-150		7/17/12 20:26
Tetrachloro-m-xylene [2]	101	30-150		7/17/12 20:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B27-2 (2.0-2.5) Sampled: 6/29/2012 13:22

Sample ID: 12G0446-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.5		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B27-3 (4.0-4.5) Sampled: 6/29/2012 13:24

Sample ID: 12G0446-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	103	30-150				7/17/12 5:28	
Decachlorobiphenyl [2]	117	30-150				7/17/12 5:28	
Tetrachloro-m-xylene [1]	95.7	30-150				7/17/12 5:28	
Tetrachloro-m-xylene [2]	114	30-150				7/17/12 5:28	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B27-3 (4.0-4.5) Sampled: 6/29/2012 13:24

Sample ID: 12G0446-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B74-3 (4.0-4.5) Sampled: 6/29/2012 14:04

Sample ID: 12G0446-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/12	7/17/12 5:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/17/12 5:41
Decachlorobiphenyl [2]	115	30-150		7/17/12 5:41
Tetrachloro-m-xylene [1]	96.5	30-150		7/17/12 5:41
Tetrachloro-m-xylene [2]	114	30-150		7/17/12 5:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0446

Date Received: 7/13/2012

Field Sample #: B74-3 (4.0-4.5) Sampled: 6/29/2012 14:04

Sample ID: 12G0446-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.0		% Wt	1		SM 2540G	7/20/12	7/20/12 17:10	CMF