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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0446-01 [B62-2 (2.0-2.5)]	B055503	07/20/12
12G0446-02 [B72-2 (2.0-2.5)]	B055503	07/20/12
12G0446-03 [B81-2 (2.0-2.5)]	B055503	07/20/12
12G0446-04 [B85-2 (2.0-2.5)]	B055503	07/20/12
12G0446-05 [B86-2 (2.0-2.5)]	B055503	07/20/12
12G0446-06 [B82-2 (2.0-2.5)]	B055503	07/20/12
12G0446-07 [B63-2 (2.0-2.5)]	B055503	07/20/12
12G0446-08 [B59-3 (4.0-4.5)]	B055503	07/20/12
12G0446-09 [B59-4 (6.0-6.5)]	B055503	07/20/12
12G0446-10 [B27-2 (2.0-2.5)]	B055503	07/20/12
12G0446-11 [B27-3 (4.0-4.5)]	B055503	07/20/12
12G0446-12 [B74-3 (4.0-4.5)]	B055503	07/20/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0446-01 [B62-2 (2.0-2.5)]	B055084	10.2	10.0	07/13/12
12G0446-02 [B72-2 (2.0-2.5)]	B055084	10.0	10.0	07/13/12
12G0446-03 [B81-2 (2.0-2.5)]	B055084	10.2	10.0	07/13/12
12G0446-04 [B85-2 (2.0-2.5)]	B055084	10.1	10.0	07/13/12
12G0446-05 [B86-2 (2.0-2.5)]	B055084	10.2	10.0	07/13/12
12G0446-06 [B82-2 (2.0-2.5)]	B055084	10.0	10.0	07/13/12
12G0446-07 [B63-2 (2.0-2.5)]	B055084	10.0	10.0	07/13/12
12G0446-08 [B59-3 (4.0-4.5)]	B055084	10.0	10.0	07/13/12
12G0446-09 [B59-4 (6.0-6.5)]	B055084	10.0	10.0	07/13/12
12G0446-10 [B27-2 (2.0-2.5)]	B055084	10.2	10.0	07/13/12
12G0446-11 [B27-3 (4.0-4.5)]	B055084	10.3	10.0	07/13/12
12G0446-12 [B74-3 (4.0-4.5)]	B055084	10.2	10.0	07/13/12

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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 B055084 - SW-846 3540C										
Blank (B055084-BLK1)				Prepared: 07/13/12 Analyzed: 07/17/12						
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	*0.223*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg wet	0.200		105	30-150			
LCS (B055084-BS1)				Prepared: 07/13/12 Analyzed: 07/17/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		114	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Surrogate: Decachlorobiphenyl	*0.227*		mg/Kg wet	0.200		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			
LCS Dup (B055084-BSD1)				Prepared: 07/13/12 Analyzed: 07/17/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		116	40-140	0.445	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140	0.247	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		115	40-140	0.361	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	1.47	30	
Surrogate: Decachlorobiphenyl	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		100	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.

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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	07/30/2013
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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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12G0446

Page 1 of 2

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)
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 8082)	Soxhlet Extraction (Method 3540C)
-01	B62-2 (2.0-2.5)	6/29/12	1030		X	S	U	✓	✓
	B62-3 (4.0-4.5)		1040						✓
-02	B72-2 (2.0-2.5)		1104					✓	✓
	B72-3 (4.0-4.5)		1106						✓
-03	B81-2 (2.0-2.5)		1114					✓	✓
	B81-3 (4.0-4.5)		1116						✓
-04	B85-2 (2.0-2.5)		1124					✓	✓
	B85-3 (4.0-4.5)		1126						✓
-05	B86-2 (2.0-2.5)		1134					✓	✓
	B86-3 (4.0-4.5)	↓	1136		↓	↓	↓		✓

ANALYSIS REQUESTED

| | | | | | |

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Email: info@contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

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
-06	B82-2 (2.0-2.5)	6/29/12	1144		x	s	U	✓	✓	1	I	A
	B82-3 (4.0-4.5)	"	1146		"	"	"		✓			
-07	~~B82-2~~ (2.0-2.5)		1232					✓	✓			
	~~B82-3~~ (4.0-4.5)		1234						✓			
-08	B59-3 (4.0-4.5)		1244					✓	✓			
-09	B59-4 (6.0-6.5)		1246					✓	✓			
	B59-5 (8.0-8.5)		1248						✓			
-10	B27-2 (2.0-2.5)		1322					✓	✓			
-11	B27-3 (4.0-4.5)		1324					✓	✓			
-12	B74-3 (4.0-4.5)	↓	1404		↓	↓	↓	✓	✓			

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 rush soxhlet extraction (24 hrs) & run PCB analysis at standard 5-day 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:
[signature] 7/13/12	1445
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 # _____

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

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: 12G0446

Laboratory Sample ID(s):
12G0446-01 thru 12G0446-12

Sample Date(s):
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:** 07/20/12

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
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July 23, 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: 12G0496

Enclosed are results of analyses for samples received by the laboratory on July 16, 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: 7/23/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0496

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
B91-2 2.0-2.5	12G0496-01	Soil		SM 2540G	
				SW-846 8082A	
B91-3 4.0-4.5	12G0496-02	Soil		SM 2540G	
				SW-846 8082A	
B83-2 2.0-2.5	12G0496-03	Soil		SM 2540G	
				SW-846 8082A	
B79-2 2.0-2.5	12G0496-04	Soil		SM 2540G	
				SW-846 8082A	
B95-2 2.0-2.5	12G0496-05	Soil		SM 2540G	
				SW-846 8082A	
B95-3 4.0-4.5	12G0496-06	Soil		SM 2540G	
				SW-846 8082A	
B90-2 2.0-2.5	12G0496-07	Soil		SM 2540G	
				SW-846 8082A	
B90-3 4.0-4.5	12G0496-08	Soil		SM 2540G	
				SW-846 8082A	
B78-2 2.0-2.5	12G0496-09	Soil		SM 2540G	
				SW-846 8082A	
B78-3 4.0-4.5	12G0496-10	Soil		SM 2540G	
				SW-846 8082A	
B69-2 2.0-2.5	12G0496-11	Soil		SM 2540G	
				SW-846 8082A	
B69-3 4.0-4.5	12G0496-12	Soil		SM 2540G	
				SW-846 8082A	
DUP-17	12G0496-13	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.

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: 12G0496

Date Received: 7/16/2012

Field Sample #: B91-2 2.0-2.5 | Sampled: 7/2/2012 09:04

Sample ID: 12G0496-01

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	7/16/12	7/19/12 15:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/19/12 15:35
Decachlorobiphenyl [2]	98.5	30-150		7/19/12 15:35
Tetrachloro-m-xylene [1]	92.3	30-150		7/19/12 15:35
Tetrachloro-m-xylene [2]	93.8	30-150		7/19/12 15:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B91-2 2.0-2.5 | Sampled: 7/2/2012 09:04

Sample ID: 12G0496-01

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	91.3		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B91-3 4.0-4.5 | Sampled: 7/2/2012 09:06

Sample ID: 12G0496-02

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	7/16/12	7/19/12 15:48	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 15:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	73.1	30-150		7/19/12 15:48
Decachlorobiphenyl [2]	78.2	30-150		7/19/12 15:48
Tetrachloro-m-xylene [1]	87.5	30-150		7/19/12 15:48
Tetrachloro-m-xylene [2]	89.7	30-150		7/19/12 15:48

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B91-3 4.0-4.5 | Sampled: 7/2/2012 09:06

Sample ID: 12G0496-02

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	84.3		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B83-2 2.0-2.5 | Sampled: 7/2/2012 09:14

Sample ID: 12G0496-03

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	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1254 [1]	0.84	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1260 [2]	1.5	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 16:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.7	30-150		7/19/12 16:39
Decachlorobiphenyl [2]	92.6	30-150		7/19/12 16:39
Tetrachloro-m-xylene [1]	95.8	30-150		7/19/12 16:39
Tetrachloro-m-xylene [2]	97.9	30-150		7/19/12 16:39

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B83-2 2.0-2.5 | Sampled: 7/2/2012 09:14

Sample ID: 12G0496-03

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	87.3		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B79-2 2.0-2.5 | Sampled: 7/2/2012 09:24

Sample ID: 12G0496-04

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	7/16/12	7/19/12 16:52	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 16:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	82.7	30-150		7/19/12 16:52
Decachlorobiphenyl [2]	84.9	30-150		7/19/12 16:52
Tetrachloro-m-xylene [1]	94.0	30-150		7/19/12 16:52
Tetrachloro-m-xylene [2]	95.3	30-150		7/19/12 16:52

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B79-2 2.0-2.5 | Sampled: 7/2/2012 09:24

Sample ID: 12G0496-04

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	83.8		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B95-2 2.0-2.5 | Sampled: 7/2/2012 09:34

Sample ID: 12G0496-05

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	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1254 [2]	0.65	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1260 [2]	1.3	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/16/12	7/19/12 17:05	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.8	30-150		7/19/12 17:05
Decachlorobiphenyl [2]	95.4	30-150		7/19/12 17:05
Tetrachloro-m-xylene [1]	99.7	30-150		7/19/12 17:05
Tetrachloro-m-xylene [2]	102	30-150		7/19/12 17:05

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B95-2 2.0-2.5 | Sampled: 7/2/2012 09:34

Sample ID: 12G0496-05

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	85.7		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B95-3 4.0-4.5 | Sampled: 7/2/2012 09:36

Sample ID: 12G0496-06

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	7/16/12	7/19/12 17:18	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:18	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/19/12 17:18
Decachlorobiphenyl [2]	102	30-150		7/19/12 17:18
Tetrachloro-m-xylene [1]	108	30-150		7/19/12 17:18
Tetrachloro-m-xylene [2]	110	30-150		7/19/12 17:18

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B95-3 4.0-4.5 | Sampled: 7/2/2012 09:36

Sample ID: 12G0496-06

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	84.9		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B90-2 2.0-2.5 | Sampled: 7/2/2012 09:44

Sample ID: 12G0496-07

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	7/16/12	7/19/12 17:31	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1254 [2]	0.19	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1260 [1]	0.63	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.9	30-150		7/19/12 17:31
Decachlorobiphenyl [2]	101	30-150		7/19/12 17:31
Tetrachloro-m-xylene [1]	99.4	30-150		7/19/12 17:31
Tetrachloro-m-xylene [2]	97.2	30-150		7/19/12 17:31

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B90-2 2.0-2.5 | Sampled: 7/2/2012 09:44

Sample ID: 12G0496-07

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	95.2		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B90-3 4.0-4.5 | Sampled: 7/2/2012 09:46

Sample ID: 12G0496-08

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	7/16/12	7/19/12 17:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.1	30-150		7/19/12 17:44
Decachlorobiphenyl [2]	88.3	30-150		7/19/12 17:44
Tetrachloro-m-xylene [1]	100	30-150		7/19/12 17:44
Tetrachloro-m-xylene [2]	102	30-150		7/19/12 17:44

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B90-3 4.0-4.5 | Sampled: 7/2/2012 09:46

Sample ID: 12G0496-08

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	86.9		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B78-2 2.0-2.5 | Sampled: 7/2/2012 09:54

Sample ID: 12G0496-09

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	7/16/12	7/19/12 17:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1254 [2]	0.23	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1260 [2]	0.47	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 17:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.4	30-150		7/19/12 17:57
Decachlorobiphenyl [2]	94.5	30-150		7/19/12 17:57
Tetrachloro-m-xylene [1]	96.1	30-150		7/19/12 17:57
Tetrachloro-m-xylene [2]	94.2	30-150		7/19/12 17:57

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B78-2 2.0-2.5 | Sampled: 7/2/2012 09:54

Sample ID: 12G0496-09

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	90.4		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B78-3 4.0-4.5 | Sampled: 7/2/2012 09:56

Sample ID: 12G0496-10

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	7/16/12	7/19/12 18:10	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.8	30-150		7/19/12 18:10
Decachlorobiphenyl [2]	82.6	30-150		7/19/12 18:10
Tetrachloro-m-xylene [1]	90.8	30-150		7/19/12 18:10
Tetrachloro-m-xylene [2]	92.4	30-150		7/19/12 18:10

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B78-3 4.0-4.5 | Sampled: 7/2/2012 09:56

Sample ID: 12G0496-10

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	82.5		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B69-2 2.0-2.5 | Sampled: 7/2/2012 10:04

Sample ID: 12G0496-11

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	7/16/12	7/19/12 18:23	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1260 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.0	30-150		7/19/12 18:23
Decachlorobiphenyl [2]	98.8	30-150		7/19/12 18:23
Tetrachloro-m-xylene [1]	94.7	30-150		7/19/12 18:23
Tetrachloro-m-xylene [2]	91.2	30-150		7/19/12 18:23

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B69-2 2.0-2.5 | Sampled: 7/2/2012 10:04

Sample ID: 12G0496-11

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	92.1		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B69-3 4.0-4.5 | Sampled: 7/2/2012 10:06

Sample ID: 12G0496-12

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	7/16/12	7/19/12 18:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.2	30-150		7/19/12 18:35
Decachlorobiphenyl [2]	91.9	30-150		7/19/12 18:35
Tetrachloro-m-xylene [1]	101	30-150		7/19/12 18:35
Tetrachloro-m-xylene [2]	102	30-150		7/19/12 18:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

Field Sample #: B69-3 4.0-4.5 | Sampled: 7/2/2012 10:06

Sample ID: 12G0496-12

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	88.1		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

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

Sample ID: 12G0496-13

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	7/16/12	7/19/12 18:48	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/16/12	7/19/12 18:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.0	30-150		7/19/12 18:48
Decachlorobiphenyl [2]	99.1	30-150		7/19/12 18:48
Tetrachloro-m-xylene [1]	106	30-150		7/19/12 18:48
Tetrachloro-m-xylene [2]	105	30-150		7/19/12 18:48

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 12G0496

Date Received: 7/16/2012

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

Sample ID: 12G0496-13

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	89.1		% Wt	1		SM 2540G	7/21/12	7/23/12 8:40	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0496-01 [B91-2 2.0-2.5]	B055550	07/21/12
12G0496-02 [B91-3 4.0-4.5]	B055550	07/21/12
12G0496-03 [B83-2 2.0-2.5]	B055550	07/21/12
12G0496-04 [B79-2 2.0-2.5]	B055550	07/21/12
12G0496-05 [B95-2 2.0-2.5]	B055550	07/21/12
12G0496-06 [B95-3 4.0-4.5]	B055550	07/21/12
12G0496-07 [B90-2 2.0-2.5]	B055550	07/21/12
12G0496-08 [B90-3 4.0-4.5]	B055550	07/21/12
12G0496-09 [B78-2 2.0-2.5]	B055550	07/21/12
12G0496-10 [B78-3 4.0-4.5]	B055550	07/21/12
12G0496-11 [B69-2 2.0-2.5]	B055550	07/21/12
12G0496-12 [B69-3 4.0-4.5]	B055550	07/21/12
12G0496-13 [DUP-17]	B055550	07/21/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0496-01 [B91-2 2.0-2.5]	B055132	10.3	10.0	07/16/12
12G0496-02 [B91-3 4.0-4.5]	B055132	10.1	10.0	07/16/12
12G0496-03 [B83-2 2.0-2.5]	B055132	10.1	10.0	07/16/12
12G0496-04 [B79-2 2.0-2.5]	B055132	10.1	10.0	07/16/12
12G0496-05 [B95-2 2.0-2.5]	B055132	10.1	10.0	07/16/12
12G0496-06 [B95-3 4.0-4.5]	B055132	10.3	10.0	07/16/12
12G0496-07 [B90-2 2.0-2.5]	B055132	10.0	10.0	07/16/12
12G0496-08 [B90-3 4.0-4.5]	B055132	10.2	10.0	07/16/12
12G0496-09 [B78-2 2.0-2.5]	B055132	10.2	10.0	07/16/12
12G0496-10 [B78-3 4.0-4.5]	B055132	10.1	10.0	07/16/12
12G0496-11 [B69-2 2.0-2.5]	B055132	10.1	10.0	07/16/12
12G0496-12 [B69-3 4.0-4.5]	B055132	10.0	10.0	07/16/12
12G0496-13 [DUP-17]	B055132	10.1	10.0	07/16/12

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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 B055132 - SW-846 3540C										
Blank (B055132-BLK1)				Prepared: 07/16/12 Analyzed: 07/18/12						
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	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS (B055132-BS1)				Prepared: 07/16/12 Analyzed: 07/18/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140			
Surrogate: Decachlorobiphenyl	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
LCS Dup (B055132-BSD1)				Prepared: 07/16/12 Analyzed: 07/18/12						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		120	40-140	6.41	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	1.78	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		112	40-140	1.07	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	3.11	30	
Surrogate: Decachlorobiphenyl	*0.235*		mg/Kg wet	0.200		118	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.225*		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg wet	0.200		109	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.

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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	07/30/2013
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

12G0496

CHAIN OF CUSTODY RECORD

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Page 1 of 2

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
1	12G0090-33	B91-2 (2.0-2.5)	7/2/12	0904		X	S	U	✓	✓			
2	34	B91-3 (4.0-4.5)		0906					✓	✓			
	35	B91-4 (6.0-6.5)		0908						✓			
3	12G0090-08	~~B83-2~~ ~~B83-3~~ (2.0-2.5)		0914					✓	✓			
	09	B83-3 (4.0-4.5)		0916						✓			
4	12G0089-28	B79-2 (2.0-2.5)		0924					✓	✓			
	29	B79-3 (4.0-4.5)		0926						✓			
5	12G0091-13	B95-2 (2.0-2.5)		0934					✓	✓			
6	-14	B95-3 (4.0-4.5)		0936					✓	✓			
	-15	B95-4 (6.0-6.5)	↓	0938		↓	↓	↓		✓			

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 - please rush soxhlet extraction for all samples and run PCB analysis on select samples at 5 day 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:	Turnaround ††
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Relinquished by: (signature) J Wilson 7/16/12 Date/Time: 1045

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 # _____

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

126 0496

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 2 of 2

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
7	12G0090-28	B90-2(2.0-2.5)	7/2/12	0944		X	S	U	✓	✓	1	1	A
8	29	B90-3 (4.0-4.5)		0946					✓	✓			
	30	B90-4 (6.0-6.5)		0948						✓			
9	12G0089-23	B78-2 (2.0-2.5)		0954					✓	✓			
10	-24	B78-3 (4.0-4.5)		0956					✓	✓			
	25	B78-4 (6.0-6.5)		0958						✓			
11	12G0088-18	B69-2 (2.0-2.5) / DUP-17		1004					✓	✓			
12	-19	B69-3 (4.0-4.5)		1006					✓	✓			
	-20	B69-4 (6.0-6.5)	↓	1008		↓	↓	↓		✓			

ANALYSIS REQUESTED

Comments:
Note - please rush soxhlet extraction for all samples and run PCB analysis on select samples at 5 day 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)	7/16/12	Date/Time: 1045
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 ?
○ 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.

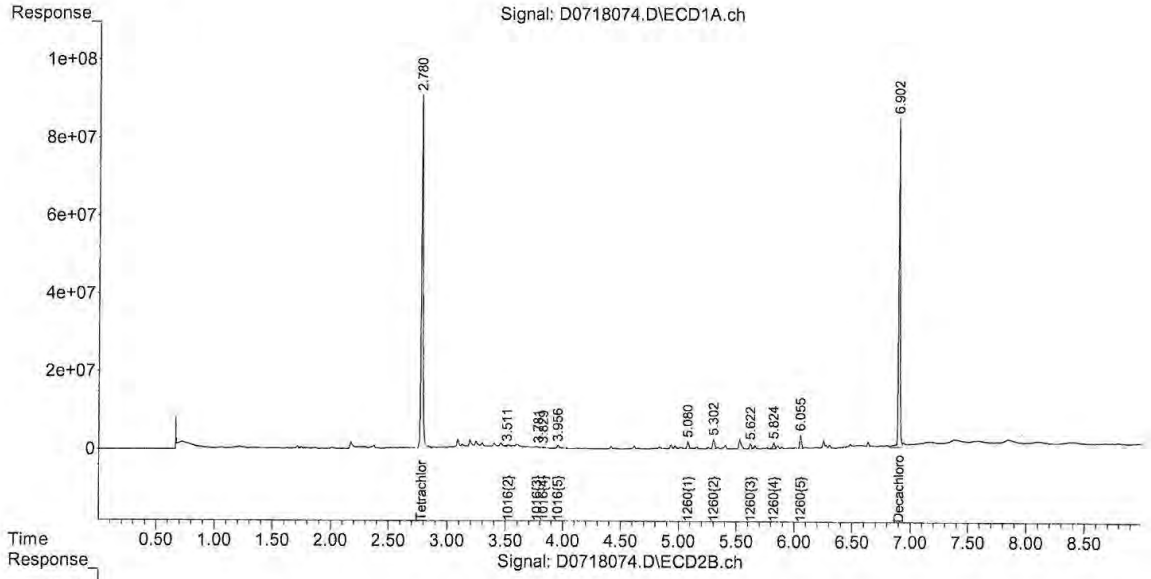
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

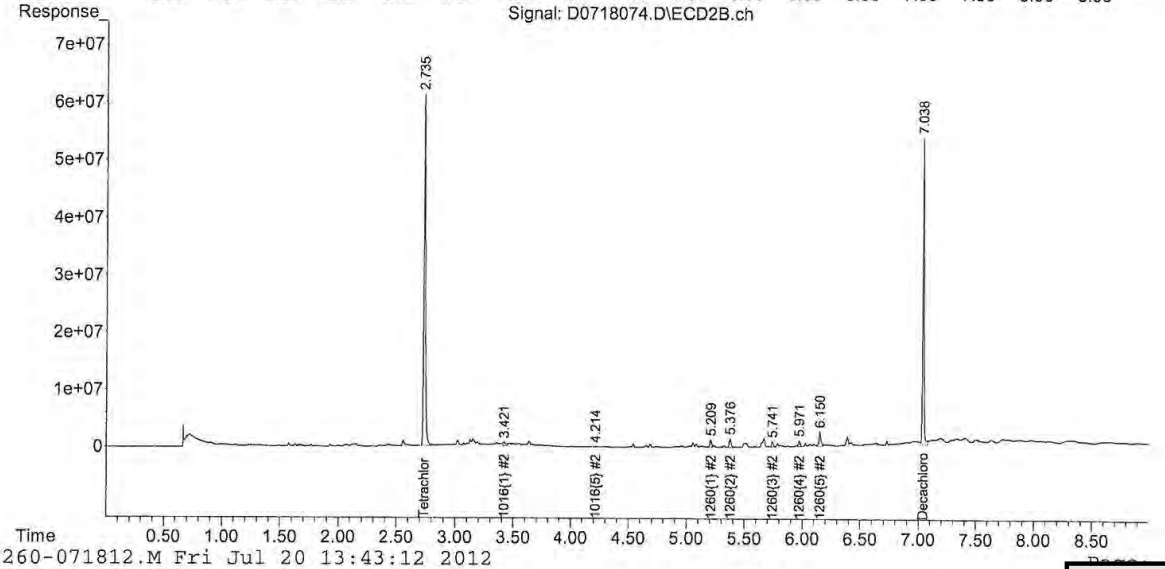
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 3:35 pm
Operator : JMB
Sample : 12G0496-01@5X TBA 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 19 16:49:32 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





4-1260-071812.M Fri Jul 20 13:43:12 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 3:48 pm
Operator : JMB
Sample : 12G0496-02@5X Inst : ECD 4
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 19 16:49:38 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	2.781	2.736	818.9E6	542.4E6	35.016	35.890	
	Spiked Amount	20.000	Range 60 - 300	Recovery =		175.08%	179.45%	
2)	S Decachlor...	6.902	7.038	532.6E6	320.5E6	29.238	31.287	
	Spiked Amount	20.000	Range 60 - 300	Recovery =		146.19%	156.44%	
	Target Compounds							
3)	L1 1016{1}	0.000	3.419	0	3423614	N.D.	5.569	#
4)	L1 1016{2}	3.526f	0.000	1056191	0	2.703	N.D.	#
5)	L1 1016{3}	3.780f	0.000	1408460	0	1.707	N.D.	#
6)	L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.	
7)	L1 1016{5}	3.956	0.000	580.4E6	0	1425.173	N.D.	#
	Sum 1016			582.8E6	3423614	1429.583	5.569	
Average	1016					476.528	5.569	
8)	L7 1260{1}	5.080	5.209	3119958	2037091	2.670	2.705	
9)	L7 1260{2}	5.304	5.377	4807398	2646064	2.754	3.034	
10)	L7 1260{3}	5.623	5.762f	1074876	3874120	0.980	5.994	#
11)	L7 1260{4}	5.825	5.950f	1270249	1308886	1.142	1.757	#
12)	L7 1260{5}	6.055	6.150	2168625	1655671	0.919	1.126	
	Sum 1260			12441107	11521831	8.465	14.616	
Average	1260					1.693	2.923	

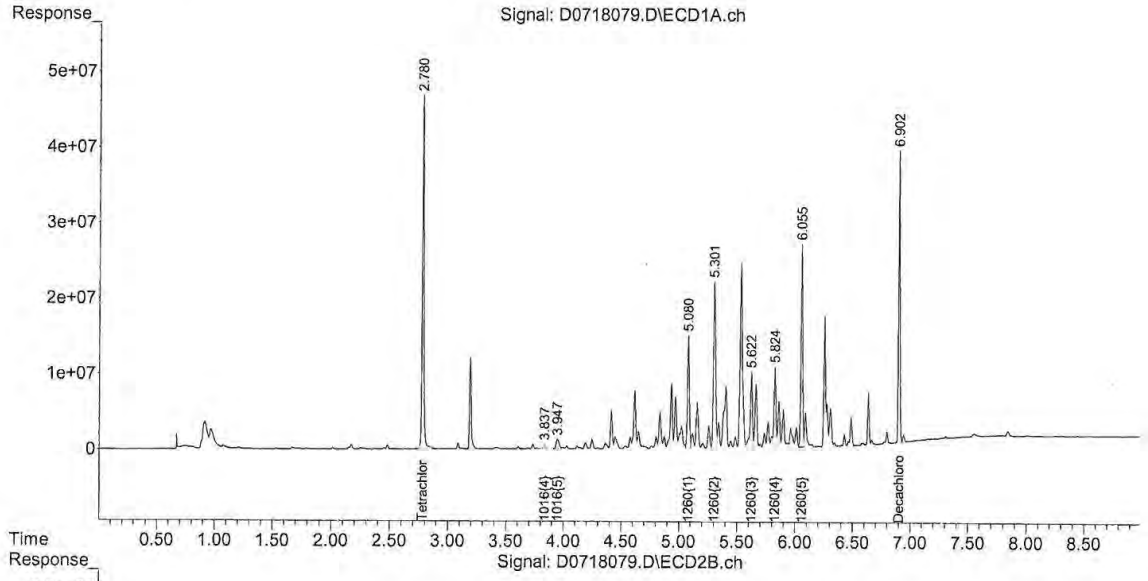
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

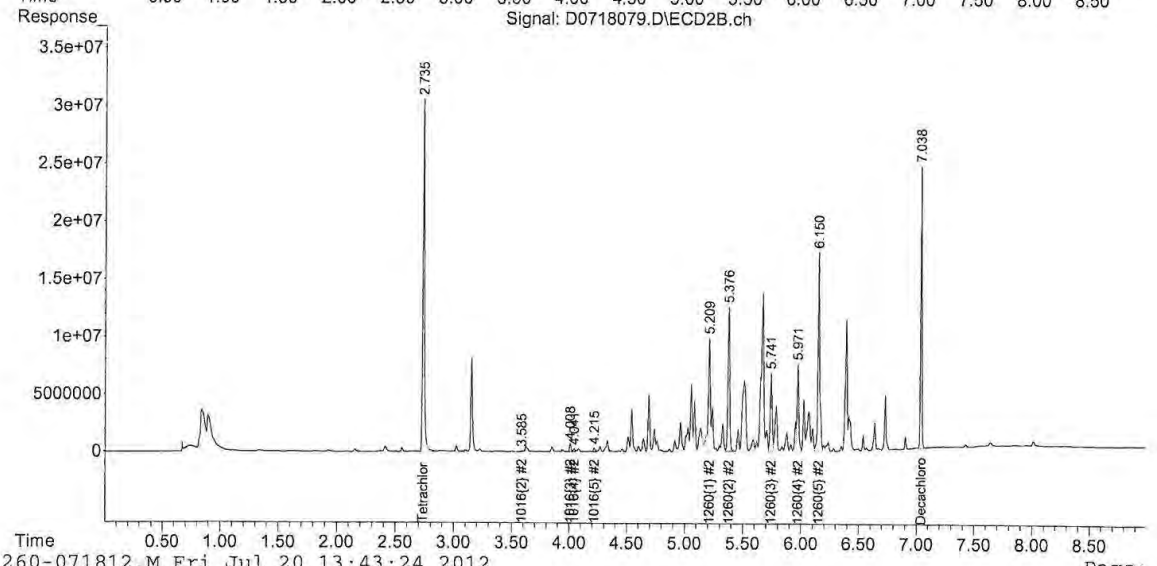
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 4:39 pm
Operator : JMB
Sample : 12G0496-03@10X 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 20 06:11:42 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





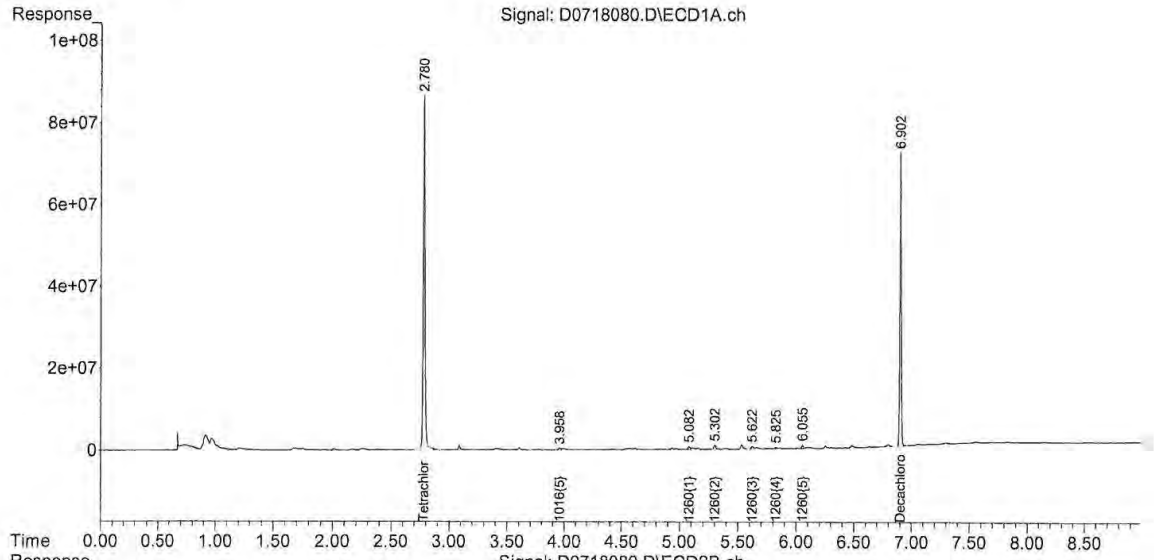
4-1260-071812.M Fri Jul 20 13:43:24 2012

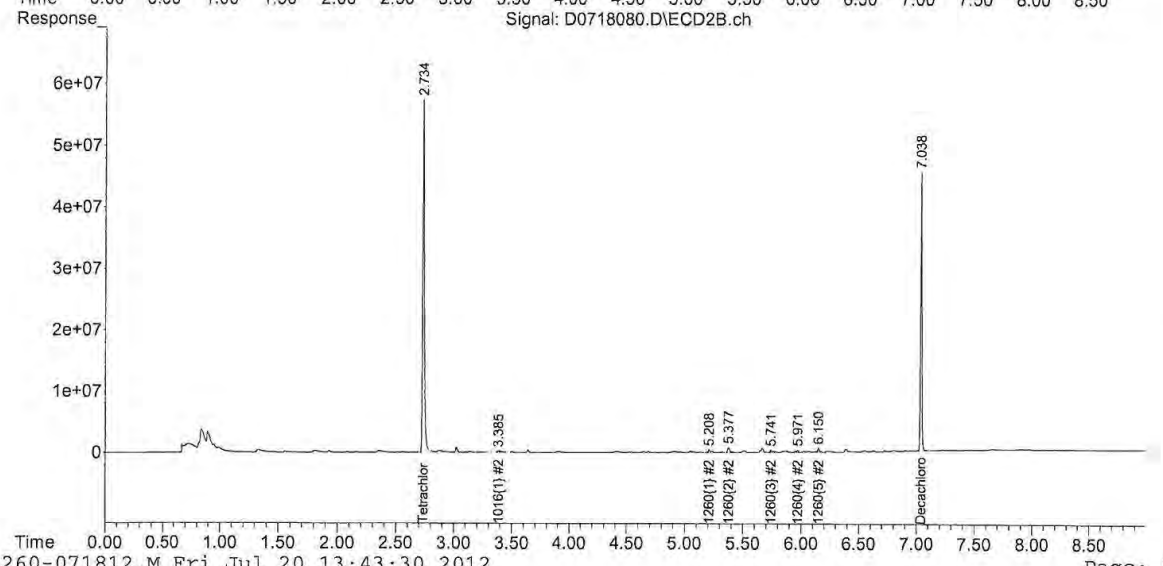
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 4:52 pm
Operator : JMB
Sample : 12G0496-04@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 20 06:11:48 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





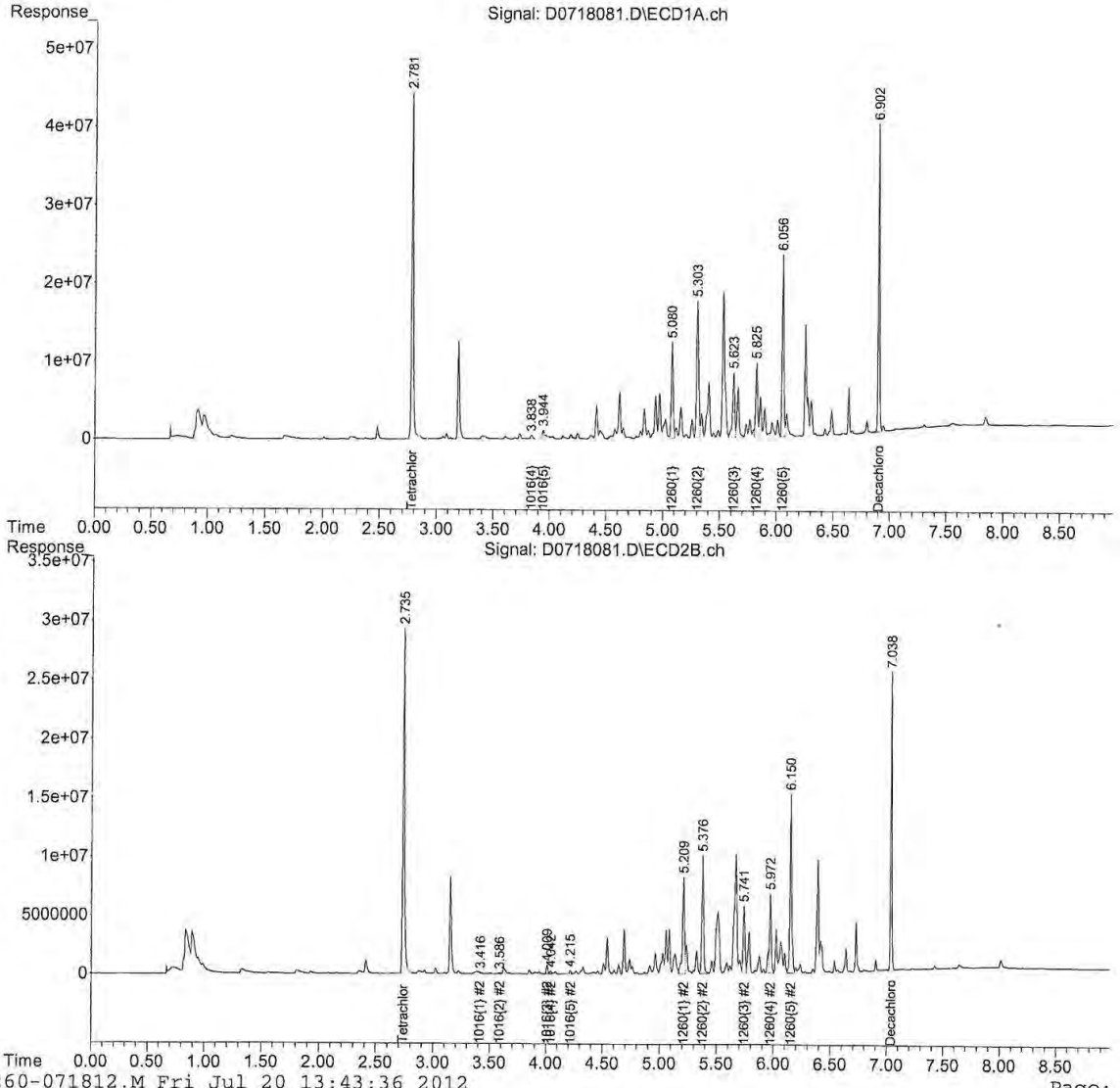
4-1260-071812.M Fri Jul 20 13:43:30 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 5:05 pm
Operator : JMB
Sample : 12G0496-05@10X 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 20 06:11:55 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



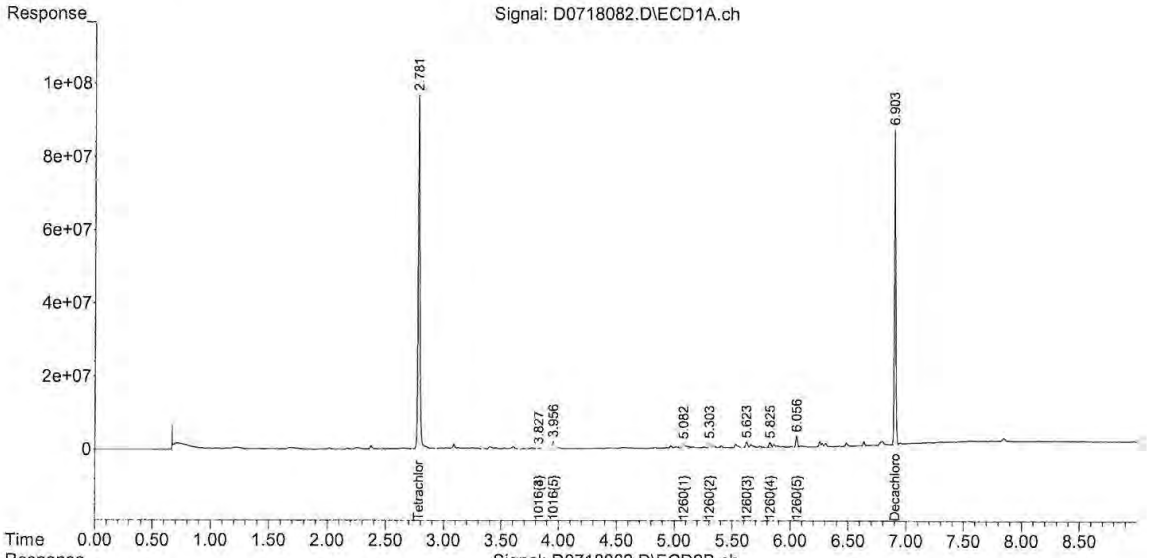
4-1260-071812.M Fri Jul 20 13:43:36 2012

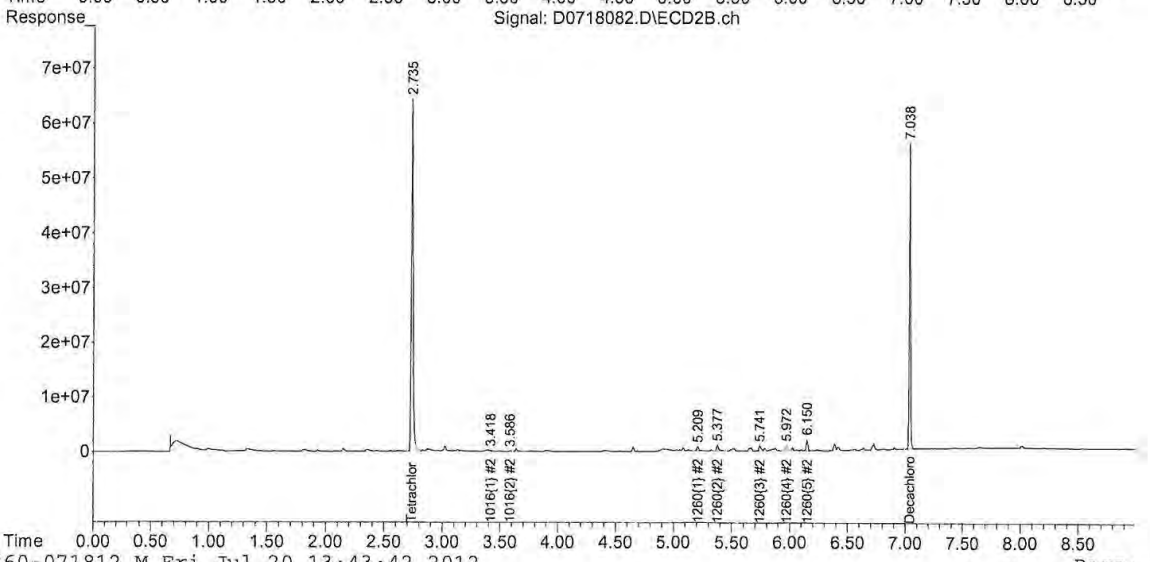
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 5:18 pm
Operator : JMB
Sample : 12G0496-06@5X TBA Inst : ECD 4
Misc :
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 20 06:12:02 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



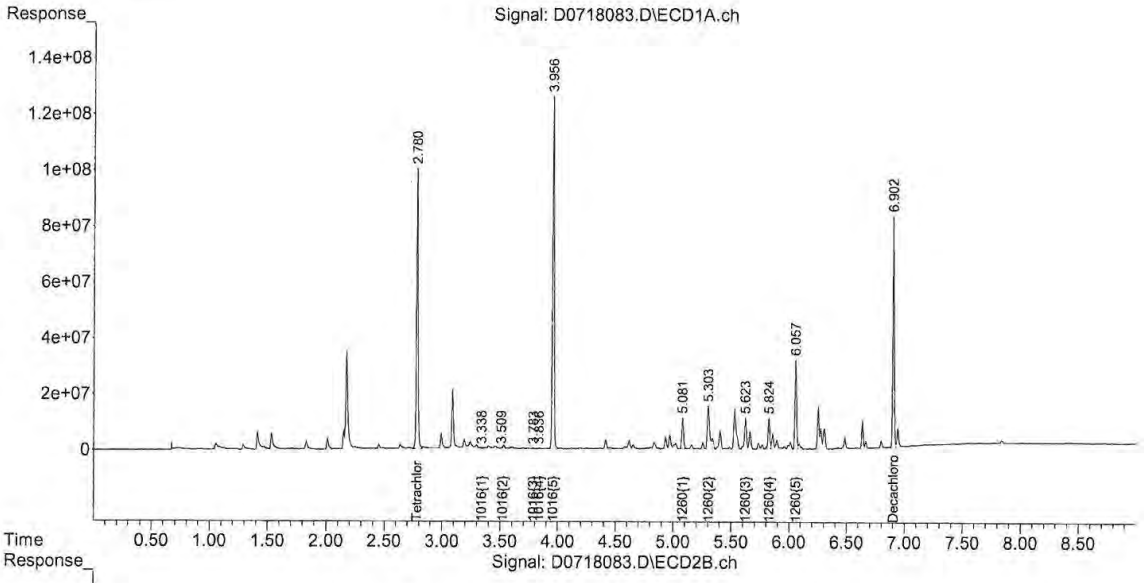


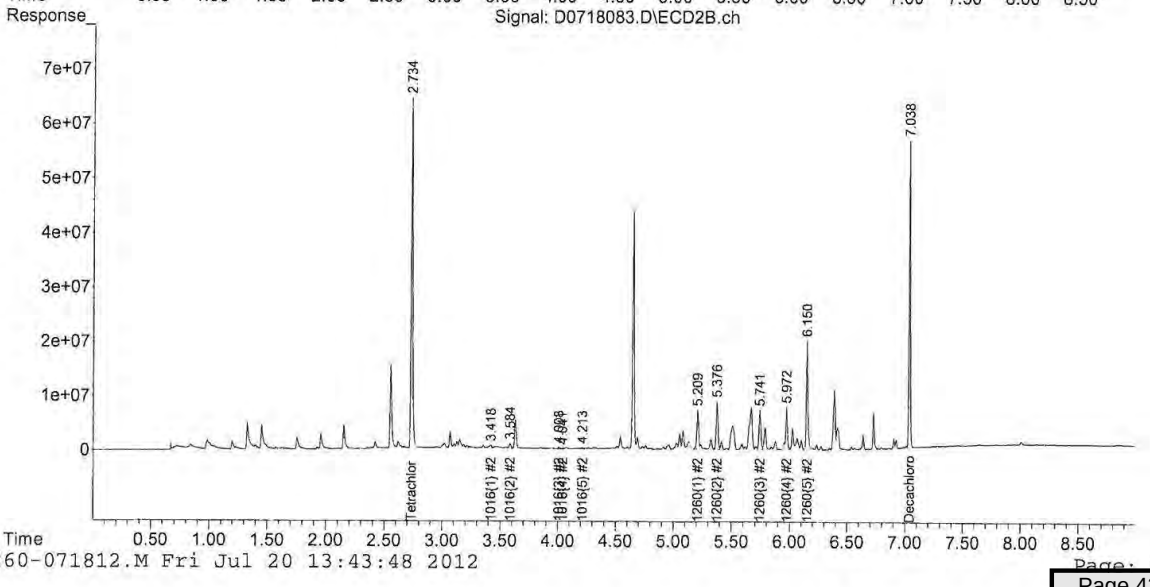
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 5:31 pm
Operator : JMB
Sample : 12G0496-07@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 20 06:12:09 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



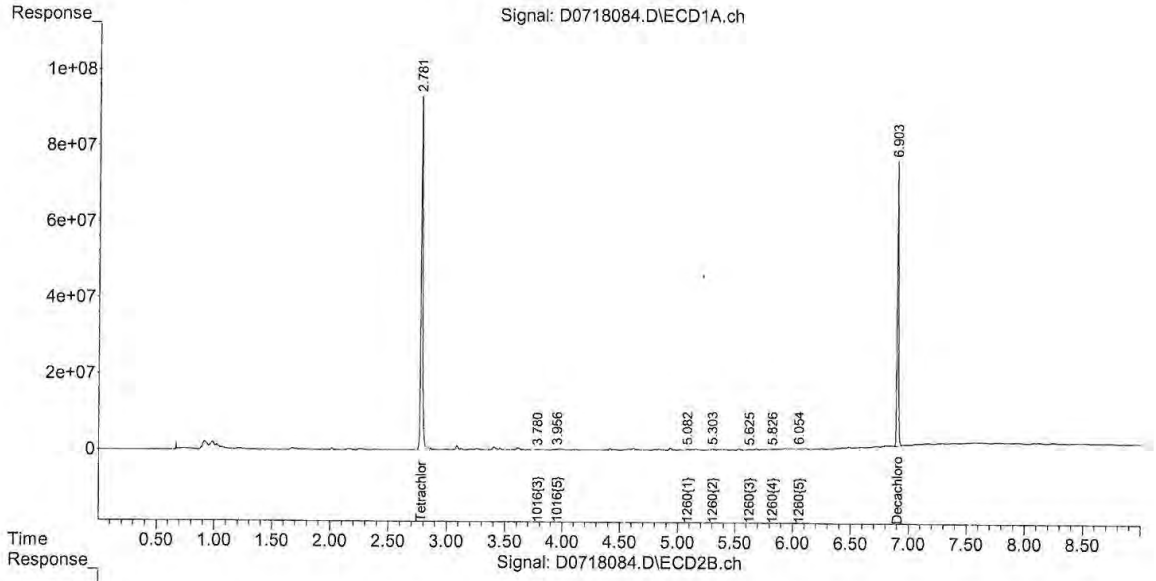


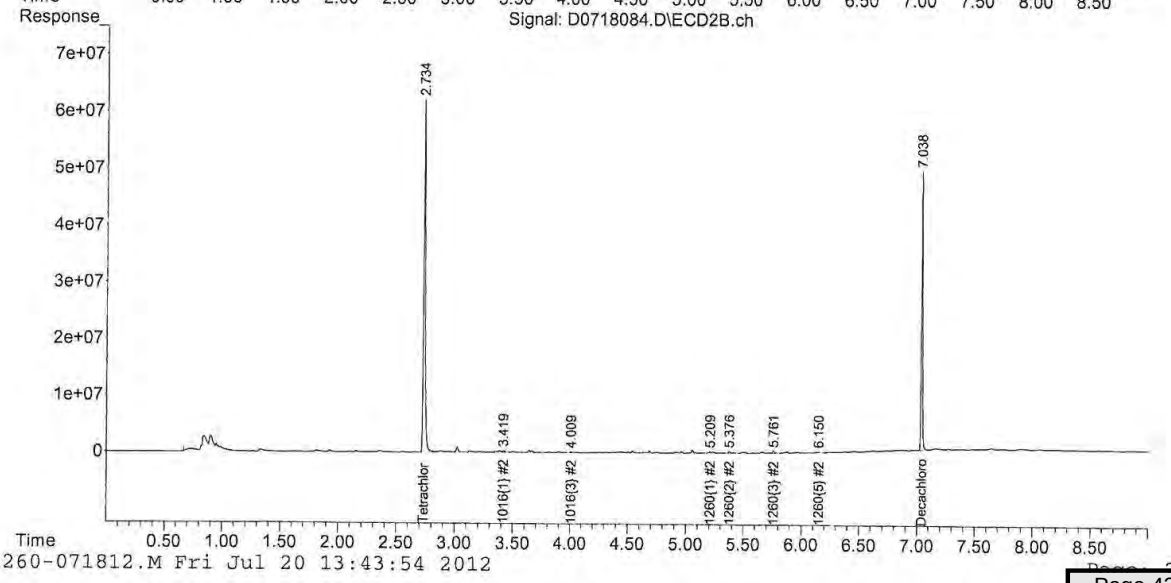
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 5:44 pm
Operator : JMB
Sample : 12G0496-08@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 20 06:12:16 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





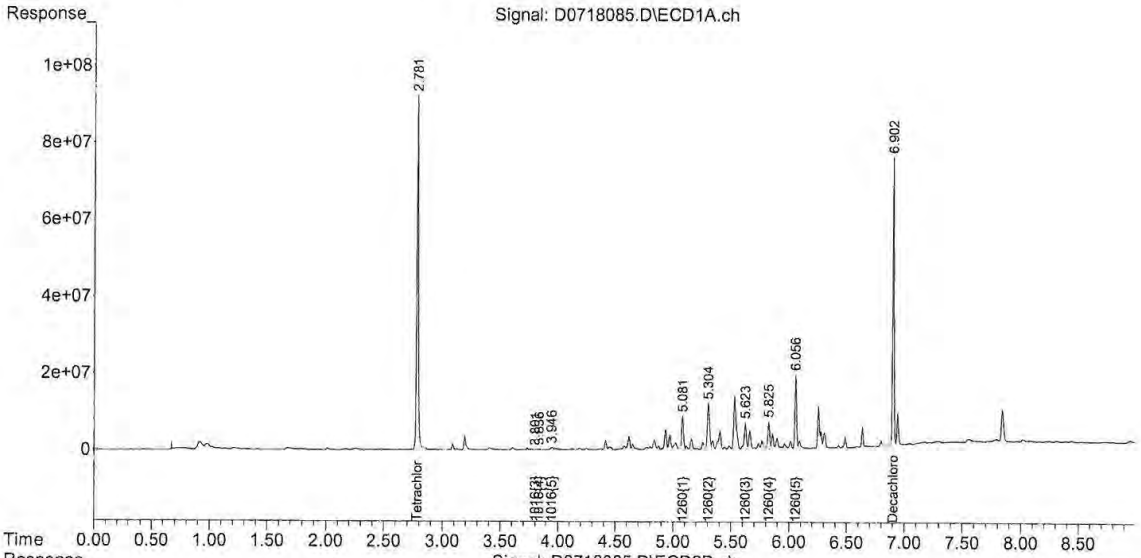
4-1260-071812.M Fri Jul 20 13:43:54 2012

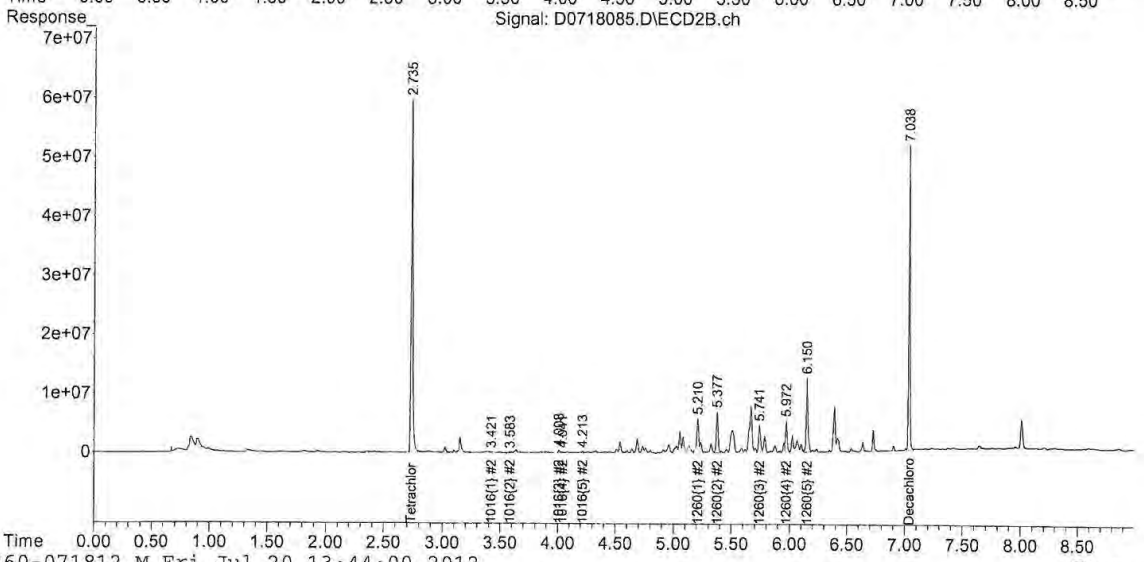
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 5:57 pm
Operator : JMB
Sample : 12G0496-09@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 20 06:12:23 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



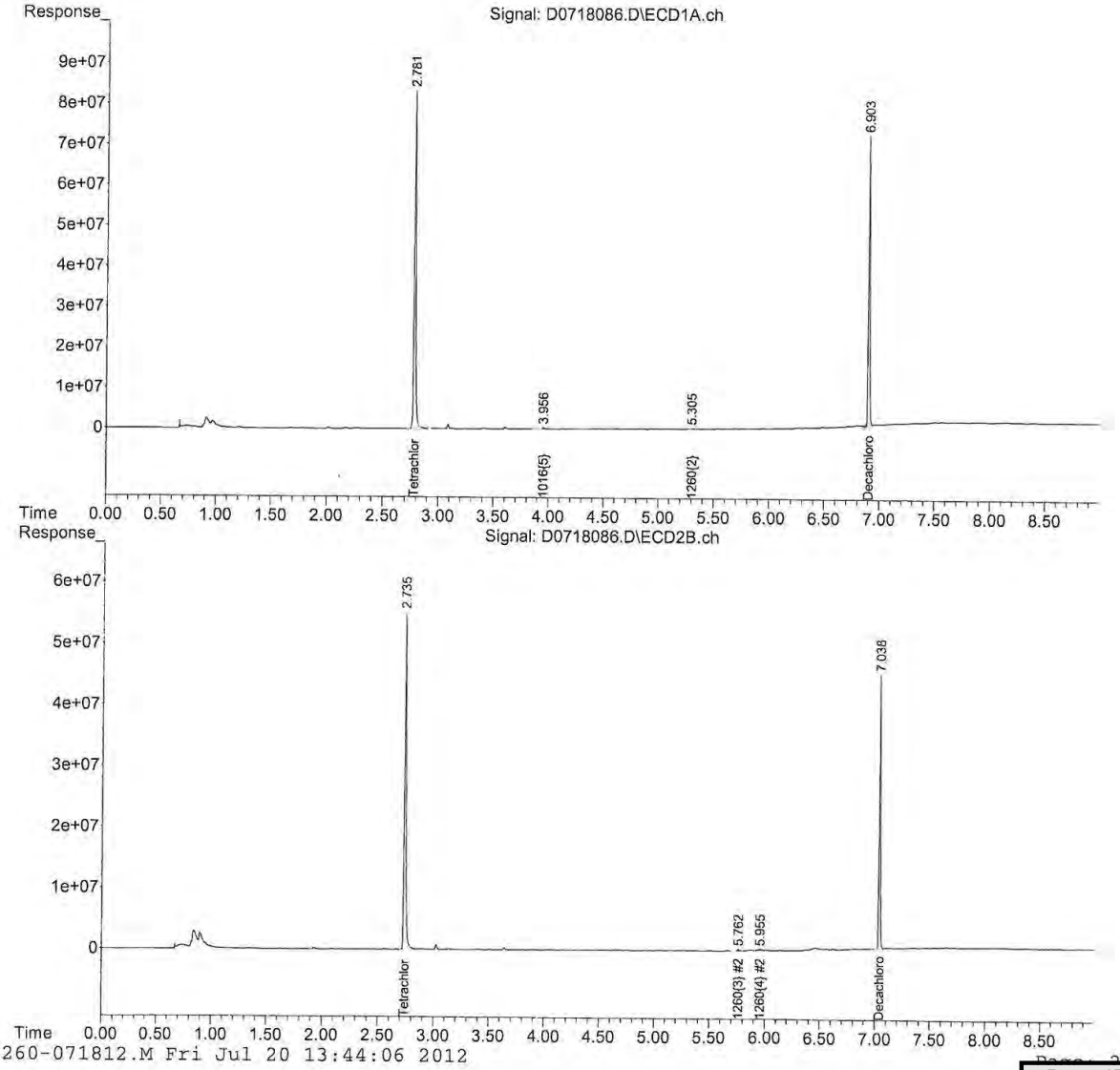


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 6:10 pm
Operator : JMB
Sample : 12G0496-10@5X Inst : ECD 4
Misc :
ALS Vial : 86 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 20 06:12:30 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



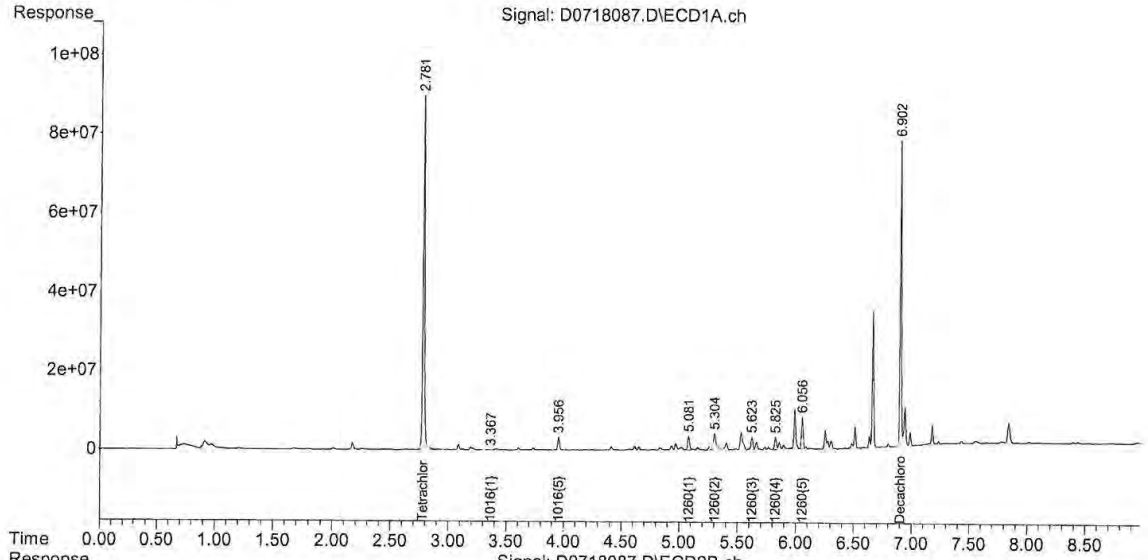
4-1260-071812.M Fri Jul 20 13:44:06 2012

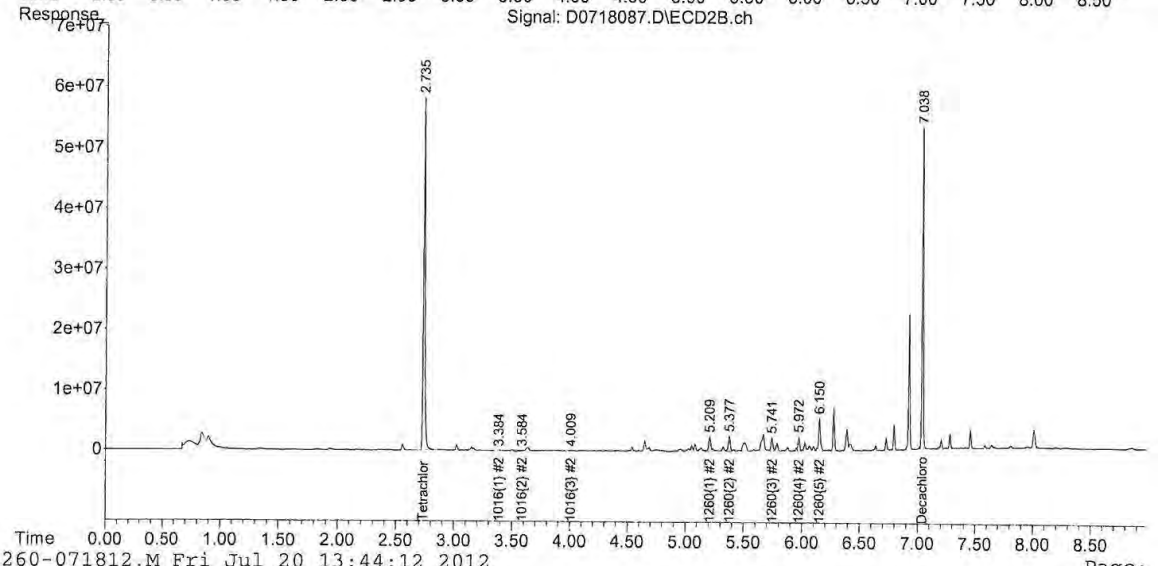
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 6:23 pm
Operator : JMB
Sample : 12G0496-11@5X Inst : ECD 4
Misc :
ALS Vial : 87 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 20 06:12:37 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





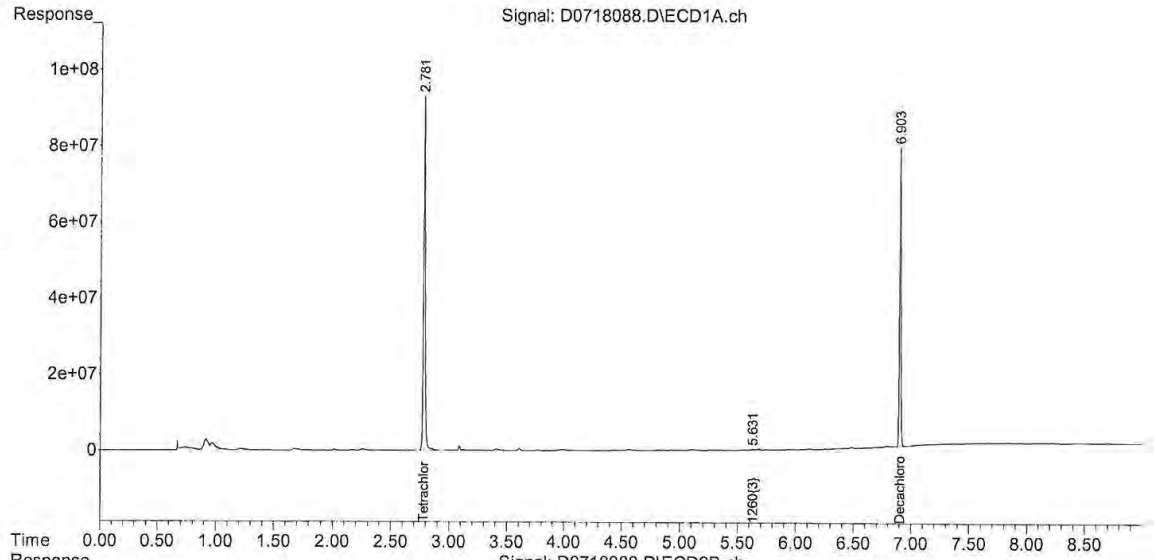
4-1260-071812.M Fri Jul 20 13:44:12 2012

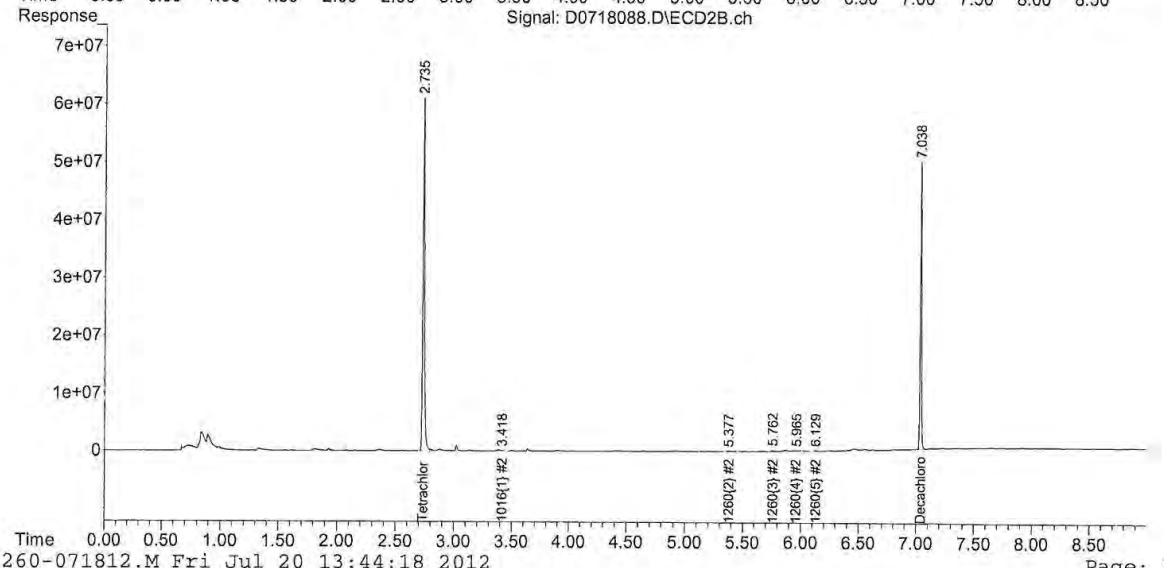
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 6:35 pm
Operator : JMB
Sample : 12G0496-12@5X Inst : ECD 4
Misc :
ALS Vial : 88 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 20 06:12:44 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :





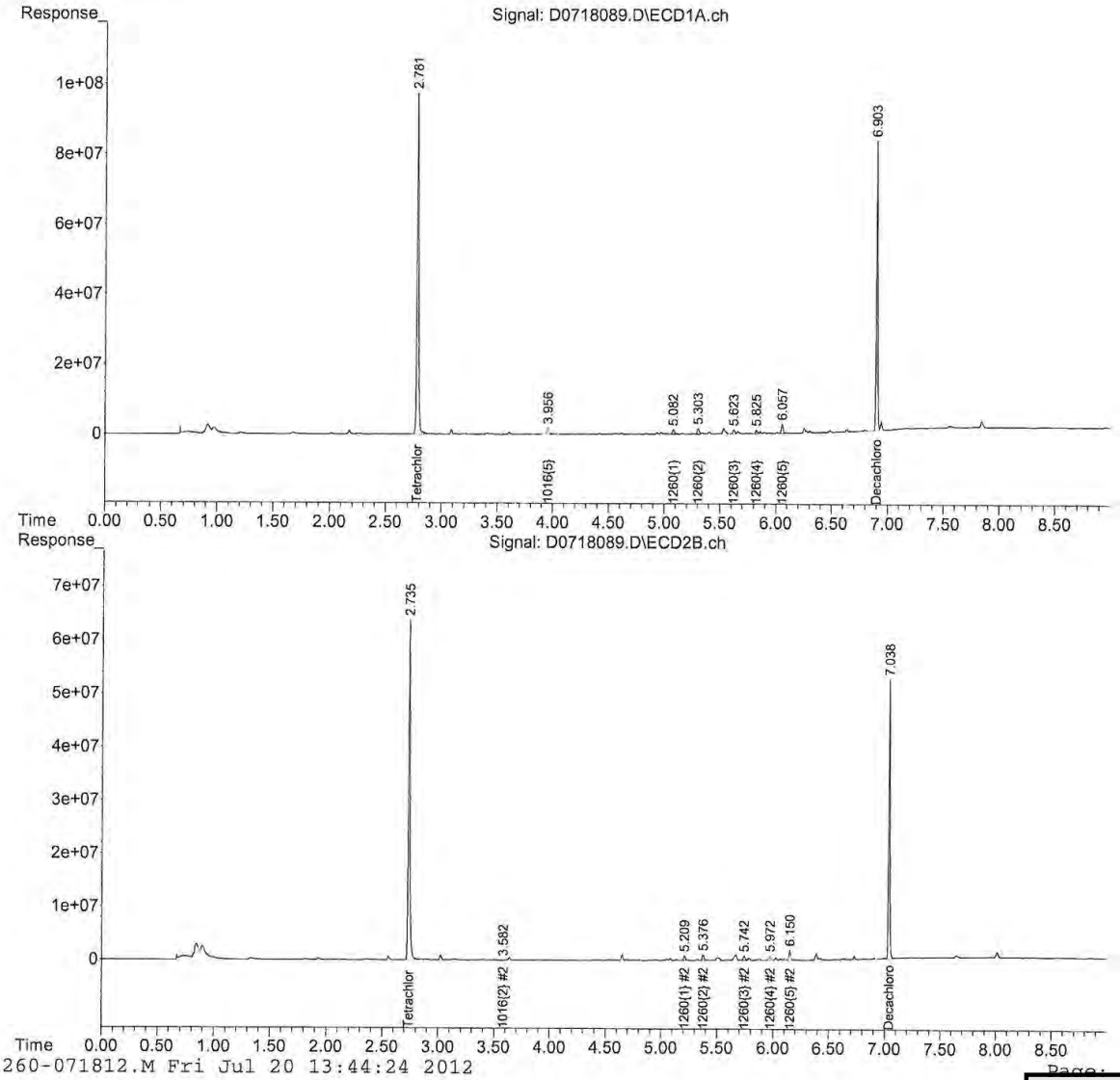
4-1260-071812.M Fri Jul 20 13:44:18 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071812\
Data File : D0718089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2012 6:48 pm
Operator : JMB
Sample : 12G0496-13@5X Inst : ECD 4
Misc :
ALS Vial : 89 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 20 06:12:51 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-071812.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 :



4-1260-071812.M Fri Jul 20 13:44:24 2012

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: 12G0496

Laboratory Sample ID(s):
12G0496-01 thru 12G0496-13

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:** 07/23/12

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
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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: 12G0086

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
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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: 12G0086

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
B36-4 6.0-6.5	12G0086-01	Soil		SM 2540G	
				SW-846 8082A	
B36-5 8.0-8.5	12G0086-02	Soil		SM 2540G	
				SW-846 8082A	
B37-1 0.0-0.5	12G0086-03	Soil		SM 2540G	
				SW-846 8082A	
B37-2 2.0-2.5	12G0086-04	Soil		SM 2540G	
				SW-846 8082A	
B37-3 4.0-4.5	12G0086-05	Soil		SM 2540G	
				SW-846 8082A	
B37-4 6.0-6.5	12G0086-06	Soil		SM 2540G	
				SW-846 8082A	
B37-5 8.0-8.5	12G0086-07	Soil		SM 2540G	
				SW-846 8082A	
B38-1 0.0-0.5	12G0086-08	Soil		SM 2540G	
				SW-846 8082A	
B38-2 2.0-2.5	12G0086-09	Soil		SM 2540G	
				SW-846 8082A	
B38-3 4.0-4.5	12G0086-10	Soil		SM 2540G	
				SW-846 8082A	
B38-4 6.0-6.5	12G0086-11	Soil		SM 2540G	
				SW-846 8082A	
B38-5 8.0-8.5	12G0086-12	Soil		SM 2540G	
				SW-846 8082A	
B44-1 0.0-0.5	12G0086-13	Soil		SM 2540G	
				SW-846 8082A	
B44-2 2.0-2.5	12G0086-14	Soil		SM 2540G	
				SW-846 8082A	
B44-3 4.0-4.5	12G0086-15	Soil		SM 2540G	
				SW-846 8082A	
B44-4 6.0-6.5	12G0086-16	Soil		SM 2540G	
				SW-846 8082A	
B44-5 8.0-8.5	12G0086-17	Soil		SM 2540G	
				SW-846 8082A	
B47-1 0.0-0.5	12G0086-18	Soil		SM 2540G	
				SW-846 8082A	
B47-2 2.0-2.5	12G0086-19	Soil		SM 2540G	
				SW-846 8082A	
B47-3 4.0-4.5	12G0086-20	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: 12G0086

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
B47-4 6.0-6.5	12G0086-21	Soil		SM 2540G	
				SW-846 8082A	
B47-5 8.0-8.5	12G0086-22	Soil		SM 2540G	
				SW-846 8082A	
B48-1 0.0-0.5	12G0086-23	Soil		SM 2540G	
				SW-846 8082A	
B48-2 2.0-2.5	12G0086-24	Soil		SM 2540G	
				SW-846 8082A	
B48-3 4.0-4.5	12G0086-25	Soil		SM 2540G	
				SW-846 8082A	
B48-4 6.0-6.5	12G0086-26	Soil		SM 2540G	
				SW-846 8082A	
B48-5 8.0-8.5	12G0086-27	Soil		SM 2540G	
				SW-846 8082A	
B49-1 0.0-0.5	12G0086-28	Soil		SM 2540G	
				SW-846 8082A	
B49-2 2.0-2.5	12G0086-29	Soil		SM 2540G	
				SW-846 8082A	
B49-3 4.0-4.5	12G0086-30	Soil		SM 2540G	
				SW-846 8082A	
B49-4 6.0-6.5	12G0086-31	Soil		SM 2540G	
				SW-846 8082A	
B49-5 8.0-8.5	12G0086-32	Soil		SM 2540G	
				SW-846 8082A	
B50-1 0.0-0.5	12G0086-33	Soil		SM 2540G	
				SW-846 8082A	
B50-2 2.0-2.5	12G0086-34	Soil		SM 2540G	
				SW-846 8082A	
B50-3 4.0-4.5	12G0086-35	Soil		SM 2540G	
				SW-846 8082A	
B50-4 6.0-6.5	12G0086-36	Soil		SM 2540G	
				SW-846 8082A	
B50-5 8.0-8.5	12G0086-37	Soil		SM 2540G	
				SW-846 8082A	
B51-1 0.0-0.5	12G0086-38	Soil		SM 2540G	
				SW-846 8082A	
B51-2 2.0-2.5	12G0086-39	Soil		SM 2540G	
				SW-846 8082A	
B51-3 4.0-4.5	12G0086-40	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:

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]

12G0086-03[B37-1 0.0-0.5], 12G0086-08[B38-1 0.0-0.5], 12G0086-10[B38-3 4.0-4.5], 12G0086-14[B44-2 2.0-2.5], 12G0086-18[B47-1 0.0-0.5], 12G0086-19[B47-2 2.0-2.5], 12G0086-33[B50-1 0.0-0.5], 12G0086-38[B51-1 0.0-0.5], 12G0086-39[B51-2 2.0-2.5], 12G0086-40[B51-3 4.0-4.5]

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016

B054637-BS1, B054637-BSD1, B054637-MS1, B054637-MSD1

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: 12G0086

Date Received: 7/3/2012

Field Sample #: B36-4 6.0-6.5 Sampled: 6/29/2012 13:06

Sample ID: 12G0086-01

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	7/7/12	7/11/12 13:57	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 13:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	108	30-150		7/11/12 13:57
Decachlorobiphenyl [2]	102	30-150		7/11/12 13:57
Tetrachloro-m-xylene [1]	104	30-150		7/11/12 13:57
Tetrachloro-m-xylene [2]	93.8	30-150		7/11/12 13:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B36-4 6.0-6.5 Sampled: 6/29/2012 13:06

Sample ID: 12G0086-01

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	84.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B36-5 8.0-8.5 Sampled: 6/29/2012 13:08

Sample ID: 12G0086-02

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	7/7/12	7/11/12 14:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.3	30-150		7/11/12 14:10
Decachlorobiphenyl [2]	92.2	30-150		7/11/12 14:10
Tetrachloro-m-xylene [1]	97.1	30-150		7/11/12 14:10
Tetrachloro-m-xylene [2]	87.3	30-150		7/11/12 14:10

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: 12G0086

Date Received: 7/3/2012

Field Sample #: B36-5 8.0-8.5 Sampled: 6/29/2012 13:08

Sample ID: 12G0086-02

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	88.9		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-1 0.0-0.5 Sampled: 6/29/2012 13:30

Sample ID: 12G0086-03

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	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1254 [2]	2.8	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1260 [2]	7.3	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 14:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 14:23
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 14:23
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 14:23
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 14:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-1 0.0-0.5 Sampled: 6/29/2012 13:30

Sample ID: 12G0086-03

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	76.1		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-2 2.0-2.5 Sampled: 6/29/2012 13:32

Sample ID: 12G0086-04

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	7/7/12	7/11/12 14:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1260 [2]	0.13	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/11/12 14:36
Decachlorobiphenyl [2]	96.3	30-150		7/11/12 14:36
Tetrachloro-m-xylene [1]	103	30-150		7/11/12 14:36
Tetrachloro-m-xylene [2]	93.4	30-150		7/11/12 14:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-2 2.0-2.5 Sampled: 6/29/2012 13:32

Sample ID: 12G0086-04

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	88.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-3 4.0-4.5 Sampled: 6/29/2012 13:34

Sample ID: 12G0086-05

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	7/7/12	7/11/12 14:49	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1254 [1]	0.16	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1260 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 14:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	107	30-150		7/11/12 14:49	
Decachlorobiphenyl [2]	103	30-150		7/11/12 14:49	
Tetrachloro-m-xylene [1]	106	30-150		7/11/12 14:49	
Tetrachloro-m-xylene [2]	96.2	30-150		7/11/12 14:49	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-3 4.0-4.5 Sampled: 6/29/2012 13:34

Sample ID: 12G0086-05

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	91.5		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-4 6.0-6.5 Sampled: 6/29/2012 13:36

Sample ID: 12G0086-06

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	7/7/12	7/11/12 15:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.9	30-150		7/11/12 15:02
Decachlorobiphenyl [2]	91.4	30-150		7/11/12 15:02
Tetrachloro-m-xylene [1]	97.2	30-150		7/11/12 15:02
Tetrachloro-m-xylene [2]	87.2	30-150		7/11/12 15:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-4 6.0-6.5 Sampled: 6/29/2012 13:36

Sample ID: 12G0086-06

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	87.1		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-5 8.0-8.5 Sampled: 6/29/2012 13:38

Sample ID: 12G0086-07

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	7/7/12	7/11/12 15:15	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 15:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/11/12 15:15
Decachlorobiphenyl [2]	96.8	30-150		7/11/12 15:15
Tetrachloro-m-xylene [1]	103	30-150		7/11/12 15:15
Tetrachloro-m-xylene [2]	92.9	30-150		7/11/12 15:15

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B37-5 8.0-8.5 Sampled: 6/29/2012 13:38

Sample ID: 12G0086-07

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	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-1 0.0-0.5 Sampled: 6/29/2012 14:30

Sample ID: 12G0086-08

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	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1254 [1]	3.1	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1260 [2]	7.1	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 15:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 15:53
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 15:53
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 15:53
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 15:53

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-1 0.0-0.5 Sampled: 6/29/2012 14:30

Sample ID: 12G0086-08

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	77.7		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-2 2.0-2.5 Sampled: 6/29/2012 14:32

Sample ID: 12G0086-09

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	7/7/12	7/11/12 16:06	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1254 [1]	0.63	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1260 [2]	1.1	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		7/11/12 16:06
Decachlorobiphenyl [2]	110	30-150		7/11/12 16:06
Tetrachloro-m-xylene [1]	118	30-150		7/11/12 16:06
Tetrachloro-m-xylene [2]	105	30-150		7/11/12 16:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-2 2.0-2.5 Sampled: 6/29/2012 14:32

Sample ID: 12G0086-09

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 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-3 4.0-4.5 Sampled: 6/29/2012 14:34

Sample ID: 12G0086-10

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	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1221 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1232 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1242 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1248 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1254 [1]	9.1	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1260 [1]	26	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1262 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC
Aroclor-1268 [1]	ND	4.3	mg/Kg dry	200		SW-846 8082A	7/7/12	7/11/12 16:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 16:19
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 16:19
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 16:19
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 16:19

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-3 4.0-4.5 Sampled: 6/29/2012 14:34

Sample ID: 12G0086-10

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	91.1		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-4 6.0-6.5 Sampled: 6/29/2012 14:36

Sample ID: 12G0086-11

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	7/7/12	7/11/12 16:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/11/12 16:35
Decachlorobiphenyl [2]	98.0	30-150		7/11/12 16:35
Tetrachloro-m-xylene [1]	104	30-150		7/11/12 16:35
Tetrachloro-m-xylene [2]	94.2	30-150		7/11/12 16:35

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-4 6.0-6.5 Sampled: 6/29/2012 14:36

Sample ID: 12G0086-11

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	93.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-5 8.0-8.5 Sampled: 6/29/2012 14:38

Sample ID: 12G0086-12

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	7/7/12	7/11/12 16:47	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 16:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.3	30-150		7/11/12 16:47
Decachlorobiphenyl [2]	102	30-150		7/11/12 16:47
Tetrachloro-m-xylene [1]	107	30-150		7/11/12 16:47
Tetrachloro-m-xylene [2]	96.1	30-150		7/11/12 16:47

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B38-5 8.0-8.5 Sampled: 6/29/2012 14:38

Sample ID: 12G0086-12

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	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-1 0.0-0.5 Sampled: 6/29/2012 08:30

Sample ID: 12G0086-13

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	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	84.9	30-150			7/11/12 17:00
Decachlorobiphenyl [2]	92.9	30-150			7/11/12 17:00
Tetrachloro-m-xylene [1]	98.7	30-150			7/11/12 17:00
Tetrachloro-m-xylene [2]	88.6	30-150			7/11/12 17:00

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-1 0.0-0.5 Sampled: 6/29/2012 08:30

Sample ID: 12G0086-13

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	69.9		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-2 2.0-2.5 Sampled: 6/29/2012 08:32

Sample ID: 12G0086-14

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	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1254 [1]	4.0	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1260 [2]	9.5	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 17:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 17:13
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 17:13
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 17:13
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 17:13

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-2 2.0-2.5 Sampled: 6/29/2012 08:32

Sample ID: 12G0086-14

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	87.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-3 4.0-4.5 Sampled: 6/29/2012 08:34

Sample ID: 12G0086-15

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	7/7/12	7/11/12 17:26	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1254 [2]	0.21	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1260 [2]	0.35	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.8	30-150		7/11/12 17:26
Decachlorobiphenyl [2]	89.6	30-150		7/11/12 17:26
Tetrachloro-m-xylene [1]	93.3	30-150		7/11/12 17:26
Tetrachloro-m-xylene [2]	84.2	30-150		7/11/12 17:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-3 4.0-4.5 Sampled: 6/29/2012 08:34

Sample ID: 12G0086-15

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	87.2		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-4 6.0-6.5 Sampled: 6/29/2012 08:36

Sample ID: 12G0086-16

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	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	85.6	30-150			7/11/12 17:39
Decachlorobiphenyl [2]	84.2	30-150			7/11/12 17:39
Tetrachloro-m-xylene [1]	86.7	30-150			7/11/12 17:39
Tetrachloro-m-xylene [2]	77.9	30-150			7/11/12 17:39

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-4 6.0-6.5 Sampled: 6/29/2012 08:36

Sample ID: 12G0086-16

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	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-5 8.0-8.5 Sampled: 6/29/2012 08:38

Sample ID: 12G0086-17

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	7/7/12	7/11/12 17:52	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 17:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.6	30-150		7/11/12 17:52
Decachlorobiphenyl [2]	95.0	30-150		7/11/12 17:52
Tetrachloro-m-xylene [1]	97.3	30-150		7/11/12 17:52
Tetrachloro-m-xylene [2]	88.1	30-150		7/11/12 17:52

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B44-5 8.0-8.5 Sampled: 6/29/2012 08:38

Sample ID: 12G0086-17

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	89.4		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-1 0.0-0.5 Sampled: 7/2/2012 11:20

Sample ID: 12G0086-18

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	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1254 [1]	3.7	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1260 [2]	6.6	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 18:30	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 18:30
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 18:30
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 18:30
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 18:30

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-1 0.0-0.5 Sampled: 7/2/2012 11:20

Sample ID: 12G0086-18

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	80.5		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-2 2.0-2.5 Sampled: 7/2/2012 11:30

Sample ID: 12G0086-19

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	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1221 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1232 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1242 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1248 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1254 [1]	25	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1260 [2]	57	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1262 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC
Aroclor-1268 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/7/12	7/11/12 18:43	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 18:43
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 18:43
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 18:43
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 18:43

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-2 2.0-2.5 Sampled: 7/2/2012 11:30

Sample ID: 12G0086-19

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	82.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-3 4.0-4.5 Sampled: 7/2/2012 11:40

Sample ID: 12G0086-20

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	7/7/12	7/11/12 18:56	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1254 [1]	0.64	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1260 [2]	0.96	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 18:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/11/12 18:56
Decachlorobiphenyl [2]	100	30-150		7/11/12 18:56
Tetrachloro-m-xylene [1]	105	30-150		7/11/12 18:56
Tetrachloro-m-xylene [2]	96.1	30-150		7/11/12 18:56

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-3 4.0-4.5 Sampled: 7/2/2012 11:40

Sample ID: 12G0086-20

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	90.0		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-4 6.0-6.5 Sampled: 7/2/2012 11:50

Sample ID: 12G0086-21

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	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.6	30-150		7/11/12 20:38
Decachlorobiphenyl [2]	94.7	30-150		7/11/12 20:38
Tetrachloro-m-xylene [1]	97.1	30-150		7/11/12 20:38
Tetrachloro-m-xylene [2]	89.2	30-150		7/11/12 20:38

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-4 6.0-6.5 Sampled: 7/2/2012 11:50

Sample ID: 12G0086-21

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	90.2		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-5 8.0-8.5 Sampled: 7/2/2012 12:00

Sample ID: 12G0086-22

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	7/7/12	7/11/12 20:51	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 20:51	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.7	30-150		7/11/12 20:51
Decachlorobiphenyl [2]	91.5	30-150		7/11/12 20:51
Tetrachloro-m-xylene [1]	88.2	30-150		7/11/12 20:51
Tetrachloro-m-xylene [2]	81.0	30-150		7/11/12 20:51

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B47-5 8.0-8.5 Sampled: 7/2/2012 12:00

Sample ID: 12G0086-22

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	90.8		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-1 0.0-0.5 Sampled: 6/29/2012 09:30

Sample ID: 12G0086-23

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	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1254 [2]	0.46	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1260 [2]	1.3	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	82.9	30-150		7/11/12 21:04
Decachlorobiphenyl [2]	99.3	30-150		7/11/12 21:04
Tetrachloro-m-xylene [1]	91.4	30-150		7/11/12 21:04
Tetrachloro-m-xylene [2]	81.6	30-150		7/11/12 21:04

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-1 0.0-0.5 Sampled: 6/29/2012 09:30

Sample ID: 12G0086-23

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	66.3		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-2 2.0-2.5 Sampled: 6/29/2012 09:40

Sample ID: 12G0086-24

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	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1221 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1232 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1242 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1248 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1254 [1]	1.4	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1260 [2]	3.0	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1262 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC
Aroclor-1268 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 21:17	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/11/12 21:17
Decachlorobiphenyl [2]	108	30-150		7/11/12 21:17
Tetrachloro-m-xylene [1]	110	30-150		7/11/12 21:17
Tetrachloro-m-xylene [2]	98.6	30-150		7/11/12 21:17

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-2 2.0-2.5 Sampled: 6/29/2012 09:40

Sample ID: 12G0086-24

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	85.2		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-3 4.0-4.5 Sampled: 6/29/2012 09:50

Sample ID: 12G0086-25

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	7/7/12	7/11/12 21:30	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1254 [1]	0.46	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1260 [2]	0.90	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:30	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	97.7	30-150		7/11/12 21:30	
Decachlorobiphenyl [2]	105	30-150		7/11/12 21:30	
Tetrachloro-m-xylene [1]	98.0	30-150		7/11/12 21:30	
Tetrachloro-m-xylene [2]	90.5	30-150		7/11/12 21:30	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-3 4.0-4.5 Sampled: 6/29/2012 09:50

Sample ID: 12G0086-25

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	88.4		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-4 6.0-6.5 Sampled: 6/29/2012 10:00

Sample ID: 12G0086-26

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	7/7/12	7/11/12 21:42	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		7/11/12 21:42
Decachlorobiphenyl [2]	108	30-150		7/11/12 21:42
Tetrachloro-m-xylene [1]	109	30-150		7/11/12 21:42
Tetrachloro-m-xylene [2]	101	30-150		7/11/12 21:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-4 6.0-6.5 Sampled: 6/29/2012 10:00

Sample ID: 12G0086-26

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	88.2		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-5 8.0-8.5 Sampled: 6/29/2012 10:10

Sample ID: 12G0086-27

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	7/7/12	7/11/12 21:55	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 21:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.5	30-150		7/11/12 21:55
Decachlorobiphenyl [2]	93.7	30-150		7/11/12 21:55
Tetrachloro-m-xylene [1]	95.9	30-150		7/11/12 21:55
Tetrachloro-m-xylene [2]	88.9	30-150		7/11/12 21:55

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B48-5 8.0-8.5 Sampled: 6/29/2012 10:10

Sample ID: 12G0086-27

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	88.6		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-1 0.0-0.5 Sampled: 6/29/2012 12:50

Sample ID: 12G0086-28

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	7/7/12	7/11/12 22:34	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1260 [2]	0.21	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.1	30-150		7/11/12 22:34
Decachlorobiphenyl [2]	97.8	30-150		7/11/12 22:34
Tetrachloro-m-xylene [1]	98.8	30-150		7/11/12 22:34
Tetrachloro-m-xylene [2]	91.5	30-150		7/11/12 22:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-1 0.0-0.5 Sampled: 6/29/2012 12:50

Sample ID: 12G0086-28

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	83.0		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-2 2.0-2.5 Sampled: 6/29/2012 12:52

Sample ID: 12G0086-29

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	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.0	30-150		7/11/12 22:46
Decachlorobiphenyl [2]	97.6	30-150		7/11/12 22:46
Tetrachloro-m-xylene [1]	89.6	30-150		7/11/12 22:46
Tetrachloro-m-xylene [2]	82.5	30-150		7/11/12 22:46

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-2 2.0-2.5 Sampled: 6/29/2012 12:52

Sample ID: 12G0086-29

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	87.7		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-3 4.0-4.5 Sampled: 6/29/2012 12:54

Sample ID: 12G0086-30

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	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 22:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.6	30-150		7/11/12 22:59
Decachlorobiphenyl [2]	90.0	30-150		7/11/12 22:59
Tetrachloro-m-xylene [1]	90.8	30-150		7/11/12 22:59
Tetrachloro-m-xylene [2]	84.5	30-150		7/11/12 22:59

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-3 4.0-4.5 Sampled: 6/29/2012 12:54

Sample ID: 12G0086-30

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	86.7		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-4 6.0-6.5 Sampled: 6/29/2012 12:56

Sample ID: 12G0086-31

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	7/7/12	7/11/12 23:12	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		7/11/12 23:12
Decachlorobiphenyl [2]	105	30-150		7/11/12 23:12
Tetrachloro-m-xylene [1]	99.9	30-150		7/11/12 23:12
Tetrachloro-m-xylene [2]	92.6	30-150		7/11/12 23:12

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-4 6.0-6.5 Sampled: 6/29/2012 12:56

Sample ID: 12G0086-31

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	90.1		% Wt	1		SM 2540G	7/10/12	7/11/12 10:37	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-5 8.0-8.5 Sampled: 6/29/2012 12:58

Sample ID: 12G0086-32

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	7/7/12	7/11/12 23:25	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/11/12 23:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.8	30-150		7/11/12 23:25
Decachlorobiphenyl [2]	96.7	30-150		7/11/12 23:25
Tetrachloro-m-xylene [1]	93.9	30-150		7/11/12 23:25
Tetrachloro-m-xylene [2]	87.4	30-150		7/11/12 23:25

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B49-5 8.0-8.5 Sampled: 6/29/2012 12:58

Sample ID: 12G0086-32

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	86.8		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-1 0.0-0.5 Sampled: 6/29/2012 13:40

Sample ID: 12G0086-33

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	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1254 [2]	2.6	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1260 [2]	7.0	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/11/12 23:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/11/12 23:38
Decachlorobiphenyl [2]	*	30-150	S-01	7/11/12 23:38
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/11/12 23:38
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/11/12 23:38

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-1 0.0-0.5 Sampled: 6/29/2012 13:40

Sample ID: 12G0086-33

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	80.1		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-2 2.0-2.5 Sampled: 6/29/2012 13:42

Sample ID: 12G0086-34

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	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1254 [1]	1.7	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1260 [2]	2.3	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	7/7/12	7/11/12 23:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	109	30-150		7/11/12 23:50	
Decachlorobiphenyl [2]	114	30-150		7/11/12 23:50	
Tetrachloro-m-xylene [1]	104	30-150		7/11/12 23:50	
Tetrachloro-m-xylene [2]	91.0	30-150		7/11/12 23:50	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-2 2.0-2.5 Sampled: 6/29/2012 13:42

Sample ID: 12G0086-34

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	87.8		% Wt	1		SM 2540G	7/10/12	7/7/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-3 4.0-4.5 Sampled: 6/29/2012 13:44

Sample ID: 12G0086-35

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	7/7/12	7/12/12 0:03	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1254 [1]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	97.4	30-150			7/12/12 0:03
Decachlorobiphenyl [2]	104	30-150			7/12/12 0:03
Tetrachloro-m-xylene [1]	104	30-150			7/12/12 0:03
Tetrachloro-m-xylene [2]	97.6	30-150			7/12/12 0:03

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-3 4.0-4.5 Sampled: 6/29/2012 13:44

Sample ID: 12G0086-35

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	91.0		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-4 6.0-6.5 Sampled: 6/29/2012 13:46

Sample ID: 12G0086-36

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	7/7/12	7/12/12 0:16	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	72.3	30-150			7/12/12 0:16
Decachlorobiphenyl [2]	76.1	30-150			7/12/12 0:16
Tetrachloro-m-xylene [1]	71.4	30-150			7/12/12 0:16
Tetrachloro-m-xylene [2]	66.5	30-150			7/12/12 0:16

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-4 6.0-6.5 Sampled: 6/29/2012 13:46

Sample ID: 12G0086-36

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 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-5 8.0-8.5 Sampled: 6/29/2012 13:48

Sample ID: 12G0086-37

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	7/7/12	7/12/12 0:29	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/7/12	7/12/12 0:29	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/12/12 0:29
Decachlorobiphenyl [2]	107	30-150		7/12/12 0:29
Tetrachloro-m-xylene [1]	100	30-150		7/12/12 0:29
Tetrachloro-m-xylene [2]	93.8	30-150		7/12/12 0:29

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B50-5 8.0-8.5 Sampled: 6/29/2012 13:48

Sample ID: 12G0086-37

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	86.7		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-1 0.0-0.5 Sampled: 6/29/2012 14:20

Sample ID: 12G0086-38

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	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1221 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1232 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1242 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1248 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1254 [1]	14	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1260 [2]	38	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1262 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC
Aroclor-1268 [1]	ND	4.6	mg/Kg dry	200		SW-846 8082A	7/7/12	7/12/12 1:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/12/12 1:07
Decachlorobiphenyl [2]	*	30-150	S-01	7/12/12 1:07
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/12/12 1:07
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/12/12 1:07

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-1 0.0-0.5 Sampled: 6/29/2012 14:20

Sample ID: 12G0086-38

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	85.1		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-2 2.0-2.5 Sampled: 6/29/2012 14:22

Sample ID: 12G0086-39

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	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1254 [1]	3.0	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1260 [2]	4.7	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/7/12	7/12/12 1:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/12/12 1:20
Decachlorobiphenyl [2]	*	30-150	S-01	7/12/12 1:20
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/12/12 1:20
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/12/12 1:20

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-2 2.0-2.5 Sampled: 6/29/2012 14:22

Sample ID: 12G0086-39

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	84.8		% Wt	1		SM 2540G	7/10/12	7/11/12 11:13	CMF

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-3 4.0-4.5 Sampled: 6/29/2012 14:24

Sample ID: 12G0086-40

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	7/7/12	7/12/12 1:33	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1254 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1260 [2]	19	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/7/12	7/12/12 1:33	MJC

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

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0086

Date Received: 7/3/2012

Field Sample #: B51-3 4.0-4.5 Sampled: 6/29/2012 14:24

Sample ID: 12G0086-40

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	7/10/12	7/11/12 11:13	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0086-01 [B36-4 6.0-6.5]	B054778	07/10/12
12G0086-02 [B36-5 8.0-8.5]	B054778	07/10/12
12G0086-03 [B37-1 0.0-0.5]	B054778	07/10/12
12G0086-04 [B37-2 2.0-2.5]	B054778	07/10/12
12G0086-05 [B37-3 4.0-4.5]	B054778	07/10/12
12G0086-06 [B37-4 6.0-6.5]	B054778	07/10/12
12G0086-07 [B37-5 8.0-8.5]	B054778	07/10/12
12G0086-08 [B38-1 0.0-0.5]	B054778	07/10/12
12G0086-09 [B38-2 2.0-2.5]	B054778	07/10/12
12G0086-10 [B38-3 4.0-4.5]	B054778	07/10/12
12G0086-11 [B38-4 6.0-6.5]	B054778	07/10/12
12G0086-12 [B38-5 8.0-8.5]	B054778	07/10/12
12G0086-13 [B44-1 0.0-0.5]	B054778	07/10/12
12G0086-14 [B44-2 2.0-2.5]	B054778	07/10/12
12G0086-15 [B44-3 4.0-4.5]	B054778	07/10/12
12G0086-16 [B44-4 6.0-6.5]	B054778	07/10/12
12G0086-17 [B44-5 8.0-8.5]	B054778	07/10/12
12G0086-18 [B47-1 0.0-0.5]	B054778	07/10/12
12G0086-19 [B47-2 2.0-2.5]	B054778	07/10/12
12G0086-20 [B47-3 4.0-4.5]	B054778	07/10/12
12G0086-21 [B47-4 6.0-6.5]	B054778	07/10/12
12G0086-22 [B47-5 8.0-8.5]	B054778	07/10/12
12G0086-23 [B48-1 0.0-0.5]	B054778	07/10/12
12G0086-24 [B48-2 2.0-2.5]	B054778	07/10/12
12G0086-25 [B48-3 4.0-4.5]	B054778	07/10/12
12G0086-26 [B48-4 6.0-6.5]	B054778	07/10/12
12G0086-27 [B48-5 8.0-8.5]	B054778	07/10/12
12G0086-28 [B49-1 0.0-0.5]	B054778	07/10/12
12G0086-29 [B49-2 2.0-2.5]	B054778	07/10/12
12G0086-30 [B49-3 4.0-4.5]	B054778	07/10/12
12G0086-32 [B49-5 8.0-8.5]	B054778	07/10/12
12G0086-33 [B50-1 0.0-0.5]	B054778	07/10/12
12G0086-34 [B50-2 2.0-2.5]	B054778	07/10/12
12G0086-35 [B50-3 4.0-4.5]	B054778	07/10/12
12G0086-36 [B50-4 6.0-6.5]	B054778	07/10/12
12G0086-37 [B50-5 8.0-8.5]	B054778	07/10/12
12G0086-38 [B51-1 0.0-0.5]	B054778	07/10/12
12G0086-39 [B51-2 2.0-2.5]	B054778	07/10/12
12G0086-40 [B51-3 4.0-4.5]	B054778	07/10/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0086-31 [B49-4 6.0-6.5]	B054793	07/10/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0086-01 [B36-4 6.0-6.5]	B054637	10.1	10.0	07/07/12
12G0086-02 [B36-5 8.0-8.5]	B054637	10.3	10.0	07/07/12
12G0086-03 [B37-1 0.0-0.5]	B054637	10.0	10.0	07/07/12
12G0086-04 [B37-2 2.0-2.5]	B054637	10.3	10.0	07/07/12
12G0086-05 [B37-3 4.0-4.5]	B054637	10.0	10.0	07/07/12

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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
12G0086-06 [B37-4 6.0-6.5]	B054637	10.1	10.0	07/07/12
12G0086-07 [B37-5 8.0-8.5]	B054637	10.1	10.0	07/07/12
12G0086-08 [B38-1 0.0-0.5]	B054637	10.3	10.0	07/07/12
12G0086-09 [B38-2 2.0-2.5]	B054637	10.2	10.0	07/07/12
12G0086-10 [B38-3 4.0-4.5]	B054637	10.3	10.0	07/07/12
12G0086-11 [B38-4 6.0-6.5]	B054637	10.0	10.0	07/07/12
12G0086-12 [B38-5 8.0-8.5]	B054637	10.0	10.0	07/07/12
12G0086-13 [B44-1 0.0-0.5]	B054637	10.0	10.0	07/07/12
12G0086-14 [B44-2 2.0-2.5]	B054637	10.1	10.0	07/07/12
12G0086-15 [B44-3 4.0-4.5]	B054637	10.1	10.0	07/07/12
12G0086-16 [B44-4 6.0-6.5]	B054637	10.0	10.0	07/07/12
12G0086-17 [B44-5 8.0-8.5]	B054637	10.2	10.0	07/07/12
12G0086-18 [B47-1 0.0-0.5]	B054637	10.0	10.0	07/07/12
12G0086-19 [B47-2 2.0-2.5]	B054637	10.3	10.0	07/07/12
12G0086-20 [B47-3 4.0-4.5]	B054637	10.1	10.0	07/07/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0086-21 [B47-4 6.0-6.5]	B054638	10.0	10.0	07/07/12
12G0086-22 [B47-5 8.0-8.5]	B054638	10.3	10.0	07/07/12
12G0086-23 [B48-1 0.0-0.5]	B054638	10.2	10.0	07/07/12
12G0086-24 [B48-2 2.0-2.5]	B054638	10.3	10.0	07/07/12
12G0086-25 [B48-3 4.0-4.5]	B054638	10.1	10.0	07/07/12
12G0086-26 [B48-4 6.0-6.5]	B054638	10.0	10.0	07/07/12
12G0086-27 [B48-5 8.0-8.5]	B054638	10.2	10.0	07/07/12
12G0086-28 [B49-1 0.0-0.5]	B054638	10.2	10.0	07/07/12
12G0086-29 [B49-2 2.0-2.5]	B054638	10.0	10.0	07/07/12
12G0086-30 [B49-3 4.0-4.5]	B054638	10.1	10.0	07/07/12
12G0086-31 [B49-4 6.0-6.5]	B054638	10.1	10.0	07/07/12
12G0086-32 [B49-5 8.0-8.5]	B054638	10.2	10.0	07/07/12
12G0086-33 [B50-1 0.0-0.5]	B054638	10.0	10.0	07/07/12
12G0086-34 [B50-2 2.0-2.5]	B054638	10.1	10.0	07/07/12
12G0086-35 [B50-3 4.0-4.5]	B054638	10.2	10.0	07/07/12
12G0086-36 [B50-4 6.0-6.5]	B054638	10.0	10.0	07/07/12
12G0086-37 [B50-5 8.0-8.5]	B054638	10.3	10.0	07/07/12
12G0086-38 [B51-1 0.0-0.5]	B054638	10.2	10.0	07/07/12
12G0086-39 [B51-2 2.0-2.5]	B054638	10.1	10.0	07/07/12
12G0086-40 [B51-3 4.0-4.5]	B054638	10.3	10.0	07/07/12

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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 B054637 - SW-846 3540C										
Blank (B054637-BLK1)				Prepared: 07/07/12 Analyzed: 07/11/12						
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	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.205*		mg/Kg wet	0.200		102	30-150			
LCS (B054637-BS1)				Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		106	40-140			V-06
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		96.4	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Surrogate: Decachlorobiphenyl	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.203*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.194*		mg/Kg wet	0.200		96.8	30-150			
LCS Dup (B054637-BSD1)				Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	2.02	30	V-06
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140	8.05	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103	40-140	5.56	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140	2.71	30	
Surrogate: Decachlorobiphenyl	*0.216*		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	*0.194*		mg/Kg wet	0.200		97.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		91.9	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 B054637 - SW-846 3540C										
Matrix Spike (B054637-MS1)	**Source: 12G0086-01**			Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.27	0.12	mg/Kg dry	0.235	0.0	116	40-140			V-06
Aroclor-1016 [2C]	0.23	0.12	mg/Kg dry	0.235	0.0	98.4	40-140			
Aroclor-1260	0.29	0.12	mg/Kg dry	0.235	0.0	123	40-140			
Aroclor-1260 [2C]	0.31	0.12	mg/Kg dry	0.235	0.0	133	40-140			
Surrogate: Decachlorobiphenyl	*0.233*		mg/Kg dry	0.235		99.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.235*		mg/Kg dry	0.235		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.232*		mg/Kg dry	0.235		98.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg dry	0.235		90.1	30-150			
Matrix Spike Dup (B054637-MSD1)	**Source: 12G0086-01**			Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.29	0.12	mg/Kg dry	0.235	0.0	123	40-140	5.53	50	V-06
Aroclor-1016 [2C]	0.24	0.12	mg/Kg dry	0.235	0.0	103	40-140	4.62	50	
Aroclor-1260	0.26	0.12	mg/Kg dry	0.235	0.0	109	40-140	12.3	50	
Aroclor-1260 [2C]	0.27	0.12	mg/Kg dry	0.235	0.0	117	40-140	12.8	50	
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg dry	0.235		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.248*		mg/Kg dry	0.235		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.241*		mg/Kg dry	0.235		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.220*		mg/Kg dry	0.235		93.6	30-150			
Batch B054638 - SW-846 3540C										
Blank (B054638-BLK1)				Prepared: 07/07/12 Analyzed: 07/11/12						
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	*0.200*		mg/Kg wet	0.200		99.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		88.8	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 B054638 - SW-846 3540C										
LCS (B054638-BS1)				Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		121	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		96.0	30-150			
LCS Dup (B054638-BSD1)				Prepared: 07/07/12 Analyzed: 07/11/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	6.80	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		98.5	40-140	7.35	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.1	40-140	7.77	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	6.99	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg wet	0.200		96.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.6	30-150			
Matrix Spike (B054638-MS1)		**Source: 12G0086-21**		Prepared: 07/07/12 Analyzed: 07/12/12						
Aroclor-1016	0.24	0.11	mg/Kg dry	0.222	0.0	109	40-140			
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.222	0.0	93.5	40-140			
Aroclor-1260	0.22	0.11	mg/Kg dry	0.222	0.0	101	40-140			
Aroclor-1260 [2C]	0.25	0.11	mg/Kg dry	0.222	0.0	111	40-140			
Surrogate: Decachlorobiphenyl	*0.203*		mg/Kg dry	0.222		91.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.216*		mg/Kg dry	0.222		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg dry	0.222		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg dry	0.222		83.9	30-150			
Matrix Spike Dup (B054638-MSD1)		**Source: 12G0086-21**		Prepared: 07/07/12 Analyzed: 07/12/12						
Aroclor-1016	0.26	0.11	mg/Kg dry	0.222	0.0	119	40-140	8.76	50	
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.222	0.0	103	40-140	9.45	50	
Aroclor-1260	0.23	0.11	mg/Kg dry	0.222	0.0	103	40-140	2.32	50	
Aroclor-1260 [2C]	0.25	0.11	mg/Kg dry	0.222	0.0	114	40-140	2.69	50	
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg dry	0.222		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.240*		mg/Kg dry	0.222		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.222*		mg/Kg dry	0.222		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg dry	0.222		93.9	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 B054778 - % Solids										
Duplicate (B054778-DUP1)	**Source: 12G0086-02**			Prepared: 07/10/12 Analyzed: 07/11/12						
% Solids	85.1		% Wt		88.9			4.37	20	
Duplicate (B054778-DUP2)	**Source: 12G0086-01**			Prepared: 07/10/12 Analyzed: 07/11/12						
% Solids	88.7		% Wt		84.3			5.09	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.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

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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

12G0086

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Page 5 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	B36-4 6.0-6.5	6/29/12	1306		X	S	U	✓	✓	1	I	A
-02	B36-5 8.0-8.5	↓	1308		↓	↓	↓	↓	↓			
-03	B37-1 0.0-0.5		1330									
-04	B37-2 2.0-2.5		1332									
-05	B37-3 4.0-4.5		1334									
-06	B37-4 6.0-6.5		1336									
-07	B37-5 8.0-8.5		1338									
-08	B38-1 0.0-0.5		1430									
-09	B38-2 2.0-2.5		1432									
-10	B38-3 4.0-4.5	↓	1434		↓	↓	↓	↓	↓			

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:
[signature] 7/3/12	4PM
Received by: (signature) [signature] 7/3/12	4PM
Relinquished by: (signature) [signature] 7/3/12	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 # _____

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

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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)
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	B38-4 6.0-6.5	6/29/12	1436		X	S	U	✓	✓	1		A
-12	B38-5 8.0-8.5	↓	1438		↓	↓	↓	↓	↓	↓	↓	↓
-13	B44-1 0.0-0.5		0830									
-14	B44-2 2.0-2.5		0832									
-15	B44-3 4.0-4.5		0834									
-16	B44-4 6.0-6.5		0836									
-17	B44-5 8.0-8.5	↓	0838									
-18	B47-1 0.0-0.5	7/2/12	1120									
-19	B47-2 2.0-2.5	↓	1130									
-20	B47-3 4.0-4.5	↓	1140		↓	↓	↓	↓	↓	↓	↓	↓

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:
[signature] 7/2/12	4:00
Received by: (signature) [signature] 7/2/12	4:00
Relinquished by: (signature) [signature] 7/3/12	5:00
Received by: (signature) [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 # _____

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 7 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
-21	B-47-4 6.0-6.5	7/2/12	1150		X	S	U	✓	✓	1	I	A
-22	B-47-5 8.0-8.5	↓	1200									
-23	B-48-1 0.0-0.5	6/29/12	0930									
-24	B-48-2 2.0-2.5		0940									
-25	B48-3 4.0-4.5		0950									
-26	B48-4 6.0-6.5		1000									
-27	B48-5 8.0-8.5		1010									
-28	B49-1 0.0-0.5		1250									
-29	B49-2 2.0-2.5		1252									
-30	B49-3 4.0-4.5	↓	1254		↓	↓	↓	↓	↓			

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:
[signature] 7/3/12	400pm
Received by: (signature) [signature] 7/3/12	Date/Time: 400pm
Relinquished by: (signature) [signature] 7/3/12	Date/Time: 5
Received by: (signature) [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 # _____

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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

1260086

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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

Page 8 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
-31	B49-4 6.0-6.5	6/27/12	1256		X	S	U	✓	✓			
-32	B49-5 8.0-8.5		1258									
-33	B50-1 0.0-0.5		1340									
-34	B50-2 2.0-2.5		1342									
-35	B50-3 4.0-4.5		1344									
-36	B50-4 6.0-6.5		1346									
-37	B50-5 8.0-8.5		1348									
-38	B51-1 0.0-0.5		1420									
-39	B51-2 2.0-2.5		1422									
-40	B51-3 4.0-4.5	✓	1424		✓	✓	✓	✓	✓			

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:
[signature] 7/3/12	4:00pm
Received by: (signature) [signature] 7/3/12	4:00pm
Relinquished by: (signature) [signature] 7/3/12	5:15
Received by: (signature) [signature] 7/3/12	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 # _____

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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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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	833
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:

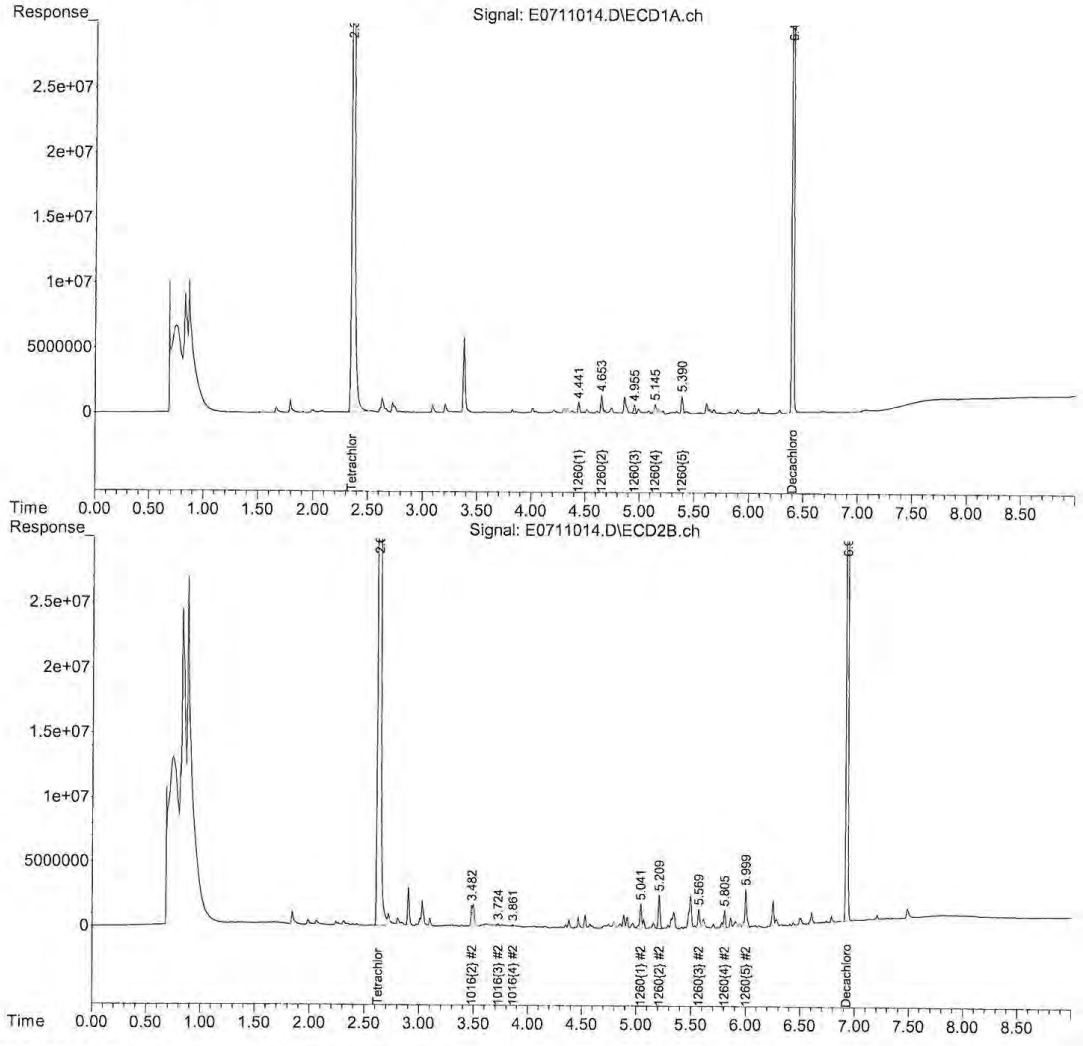
Doc# 277
Rev. 3 May 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 1:57 pm
Operator : JMB
Sample : 12G0086-01@5X Inst : ECD 5
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:46:36 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 :



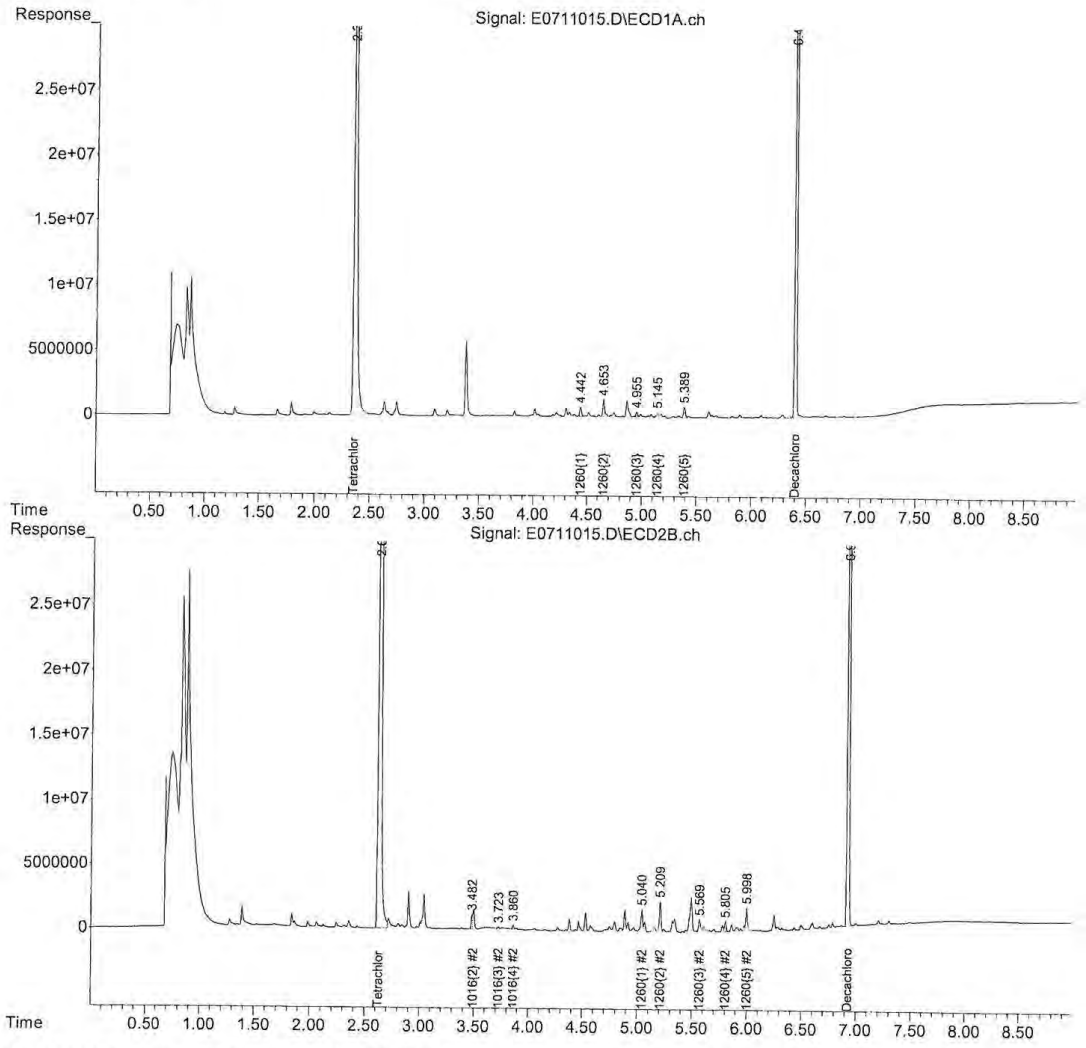
5-1260-071112.M Thu Jul 12 10:07:49 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 2:10 pm
Operator : JMB
Sample : 12G0086-02@5X Inst : ECD 5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:46:42 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 :



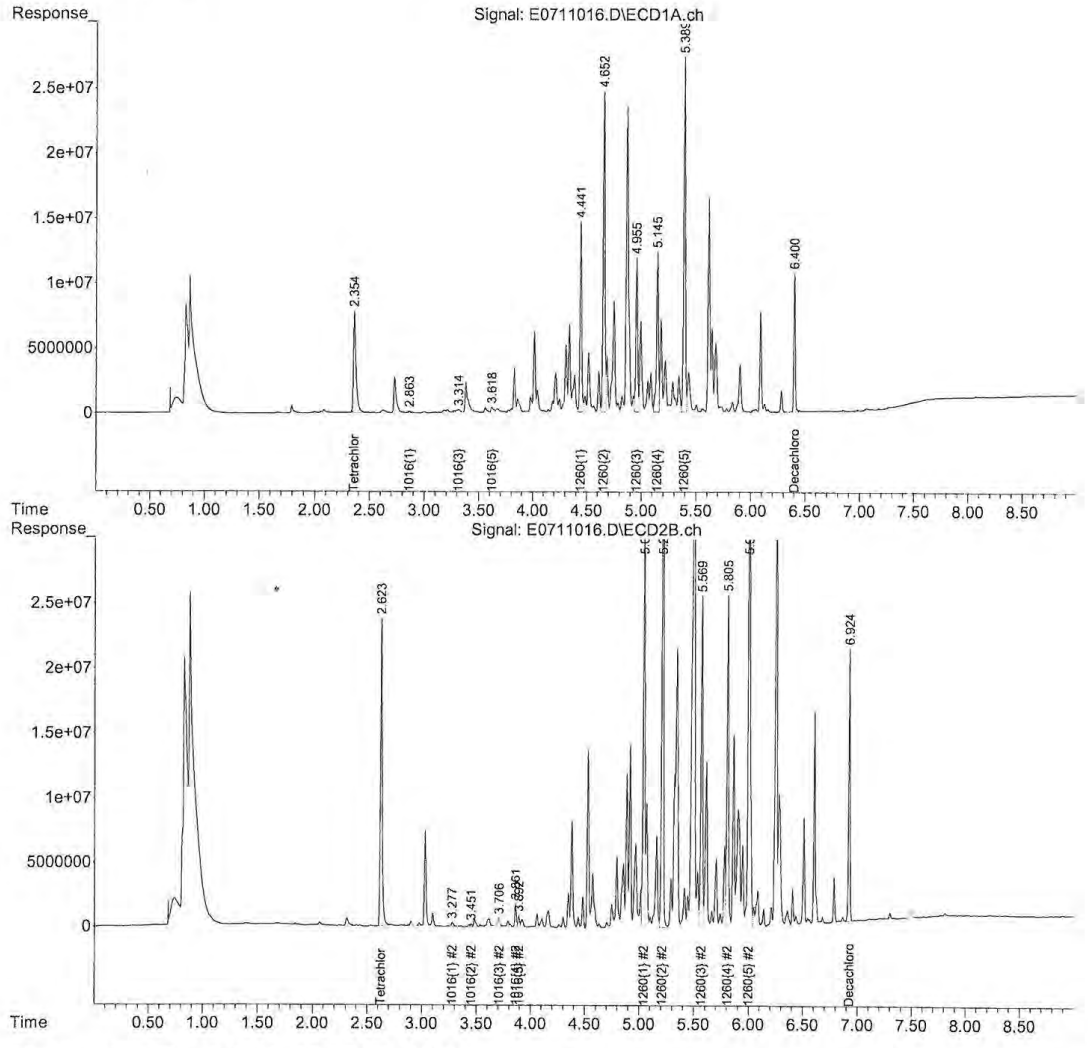
5-1260-071112.M Thu Jul 12 10:07:54 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 2:23 pm
Operator : JMB
Sample : 12G0086-03@50X Inst : ECD 5
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:46:48 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 :



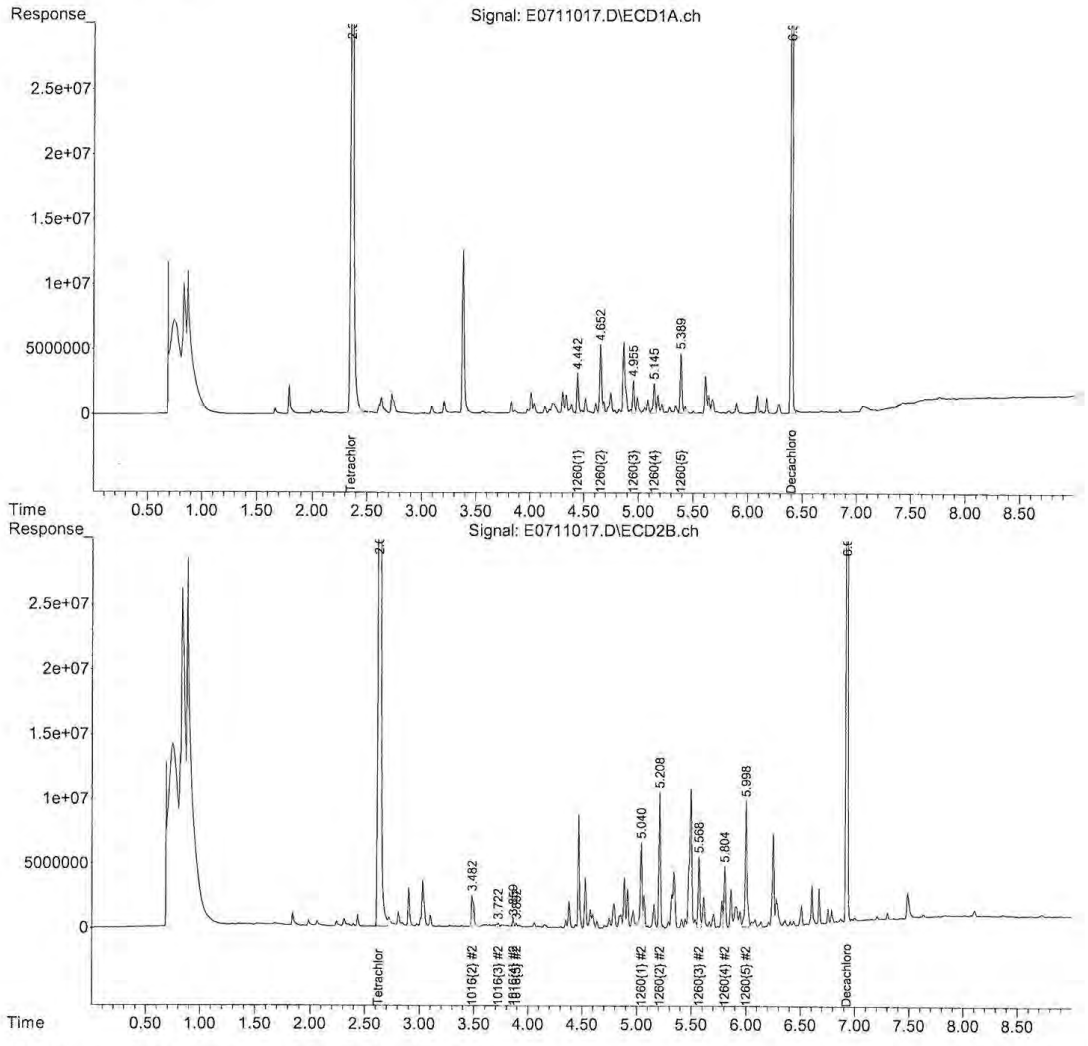
5-1260-071112.M Thu Jul 12 10:07:59 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 2:36 pm
Operator : JMB
Sample : 12G0086-04@5X Inst : ECD 5
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:46:54 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 :



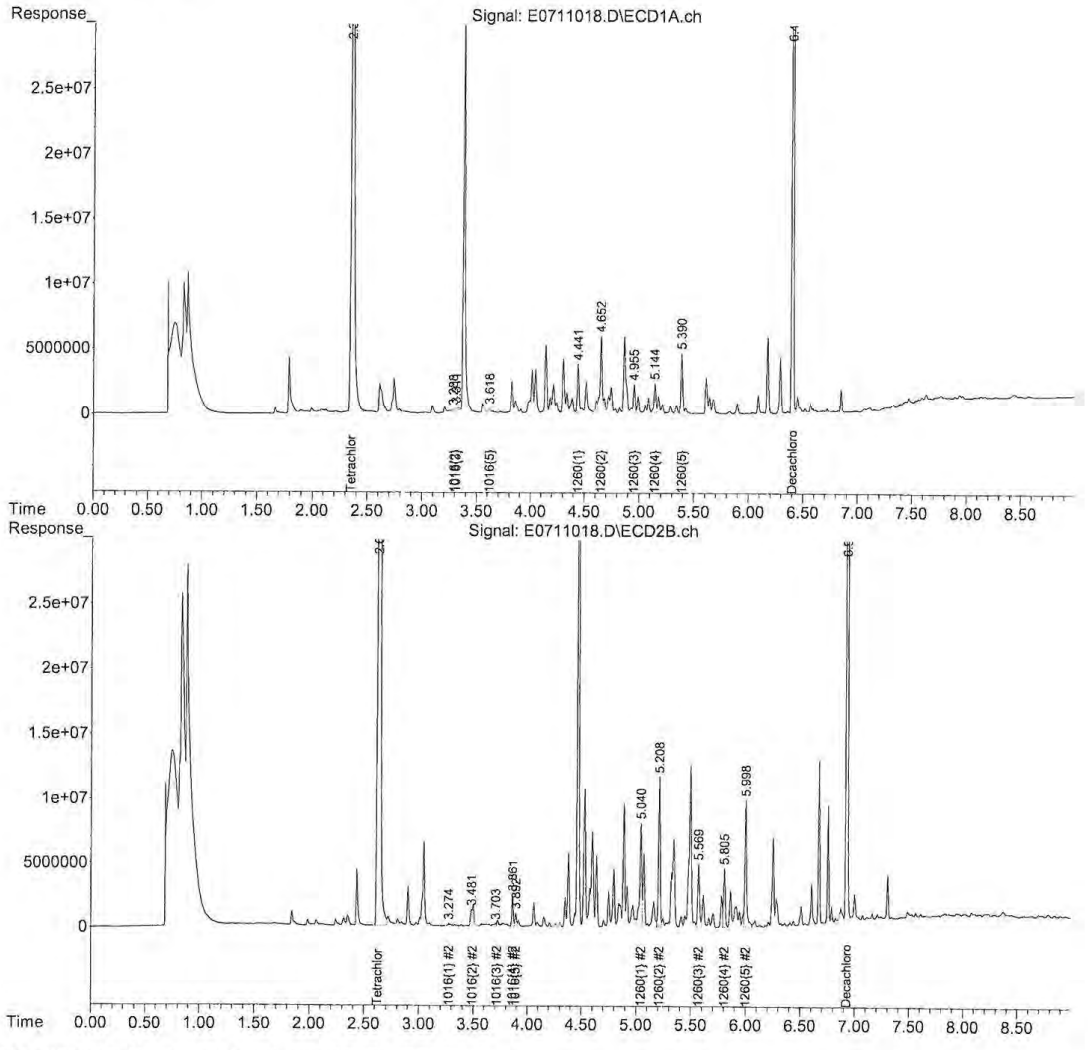
5-1260-071112.M Thu Jul 12 10:08:04 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 2:49 pm
Operator : JMB
Sample : 12G0086-05@5X Inst : ECD 5
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:47:00 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 :



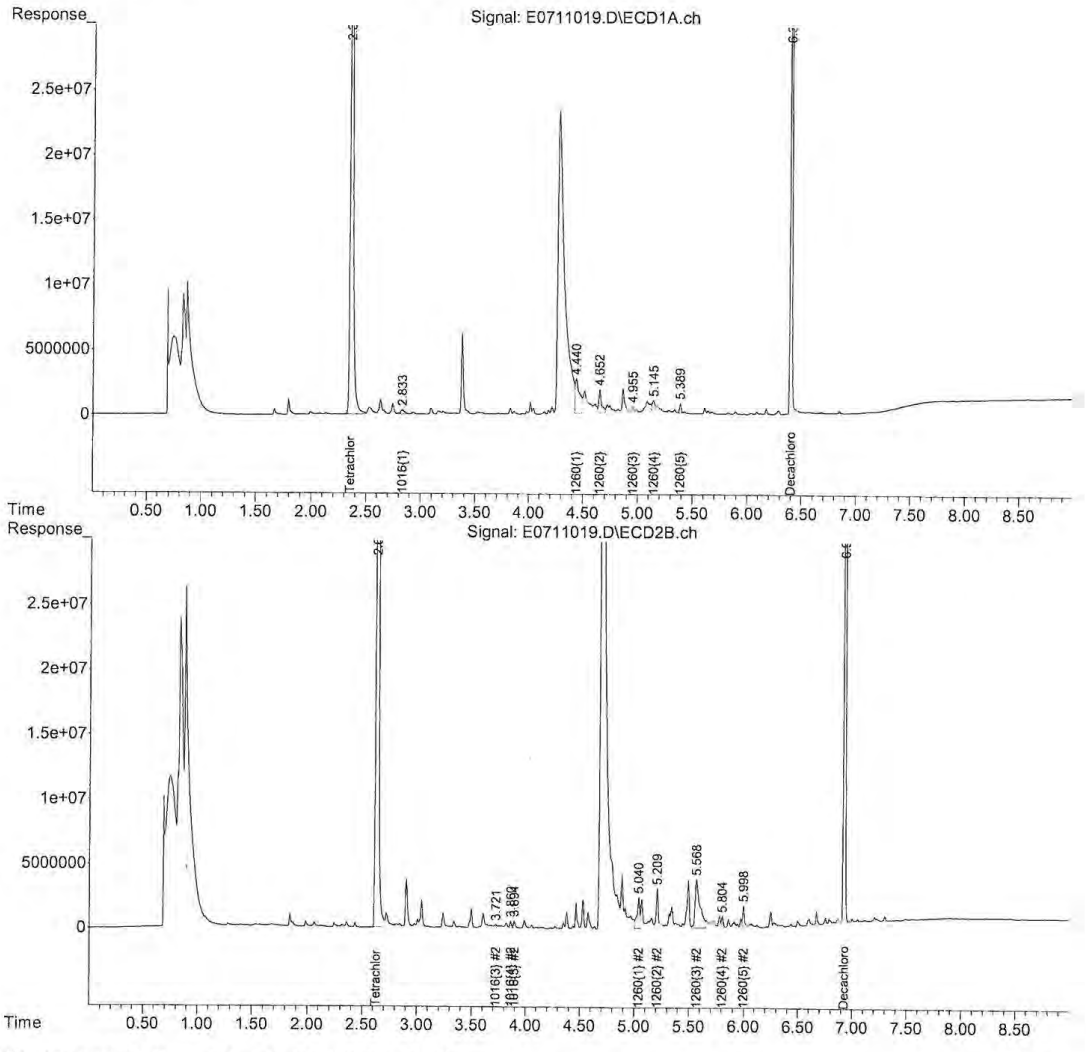
5-1260-071112.M Thu Jul 12 10:08:09 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 3:02 pm
Operator : JMB
Sample : 12G0086-06@5X Inst : ECD 5
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:47:06 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 :



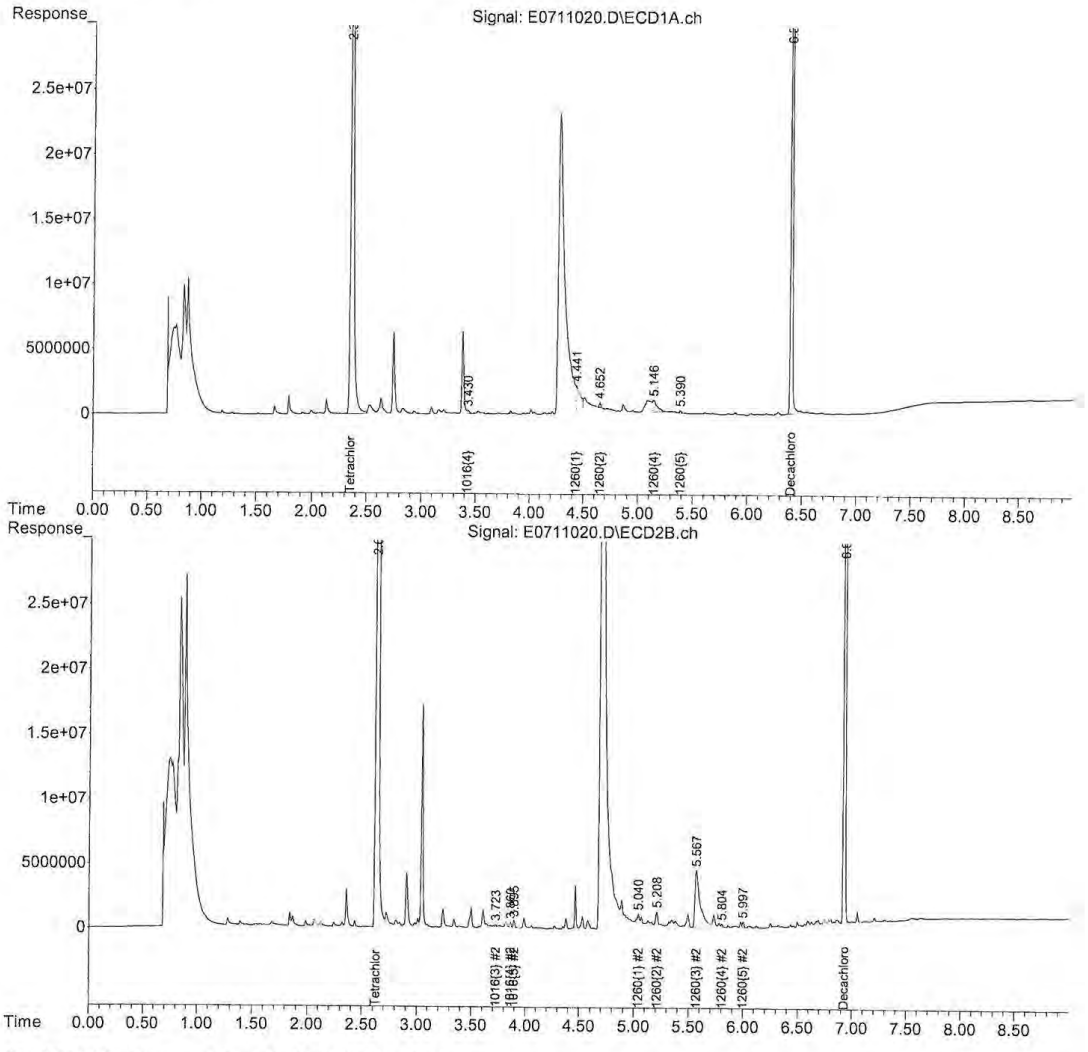
5-1260-071112.M Thu Jul 12 10:08:14 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 3:15 pm
Operator : JMB
Sample : 12G0086-07@5X Inst : ECD 5
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:47:12 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 :



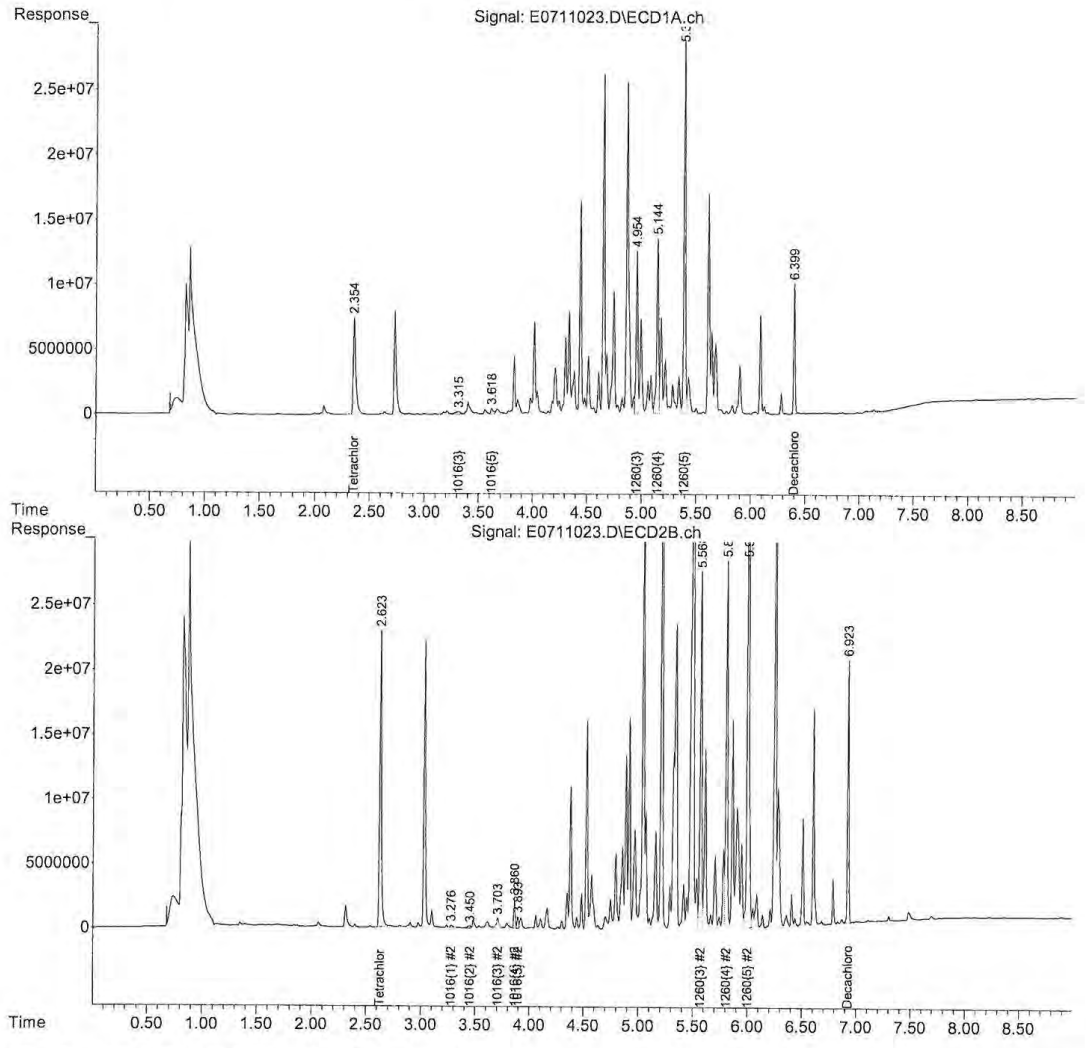
5-1260-071112.M Thu Jul 12 10:08:19 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 3:53 pm
Operator : JMB
Sample : 12G0086-08@50X Inst : ECD 5
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:10:55 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 :



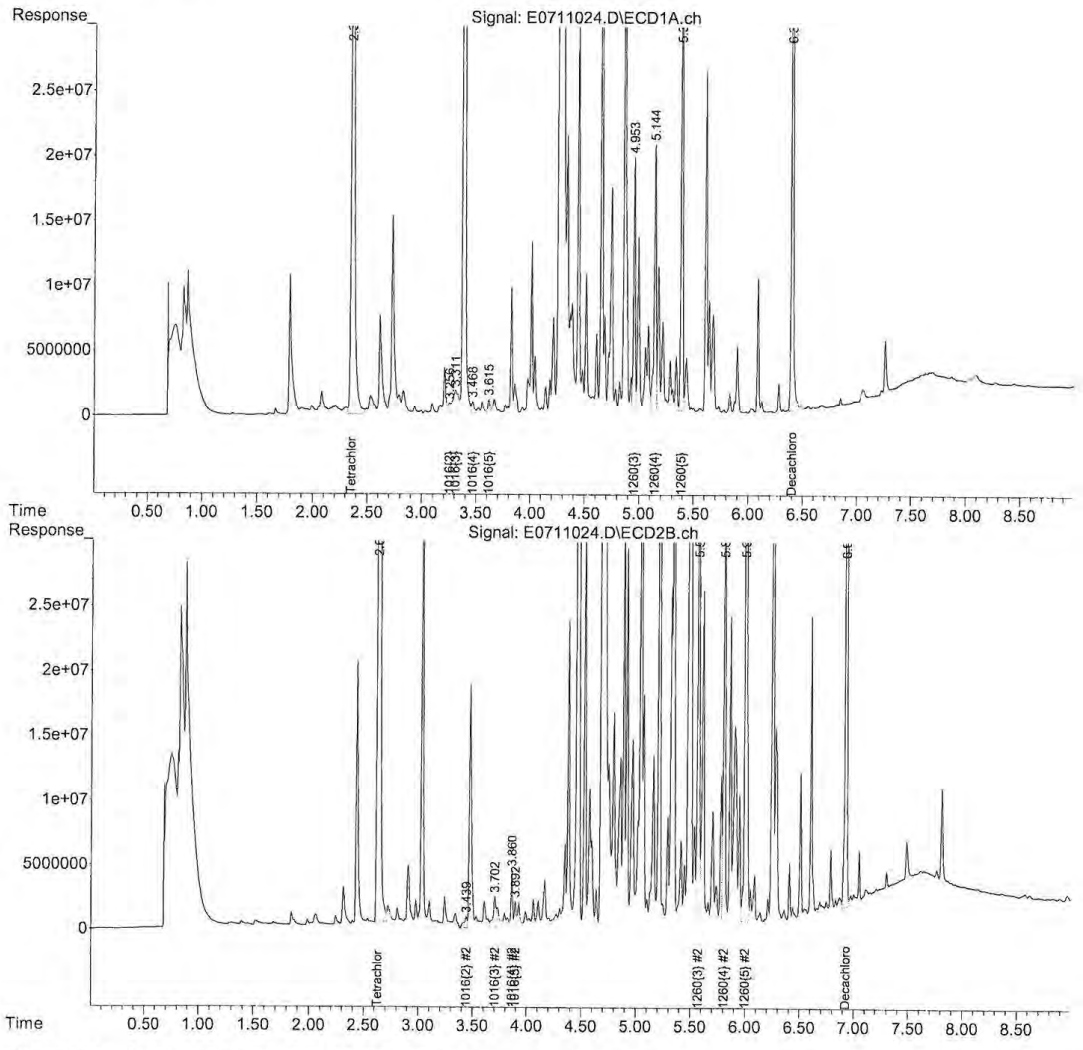
5-1260-071112.M Thu Jul 12 10:08:24 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 4:06 pm
Operator : JMB
Sample : 12G0086-09@5X Inst : ECD 5
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:12:51 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 :



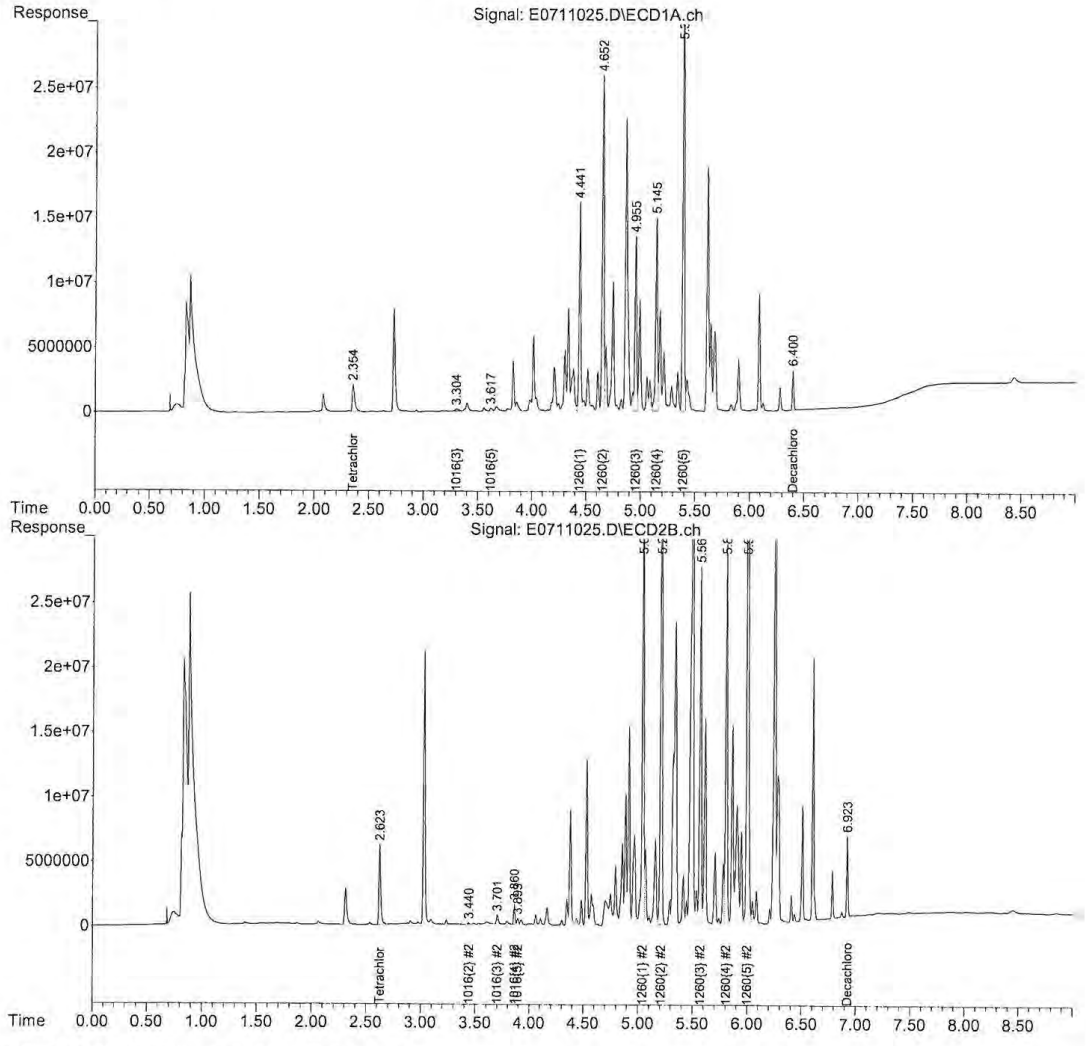
5-1260-071112.M Thu Jul 12 10:08:29 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 4:19 pm
Operator : JMB
Sample : 12G0086-10@200X Inst : ECD 5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:47:42 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 :



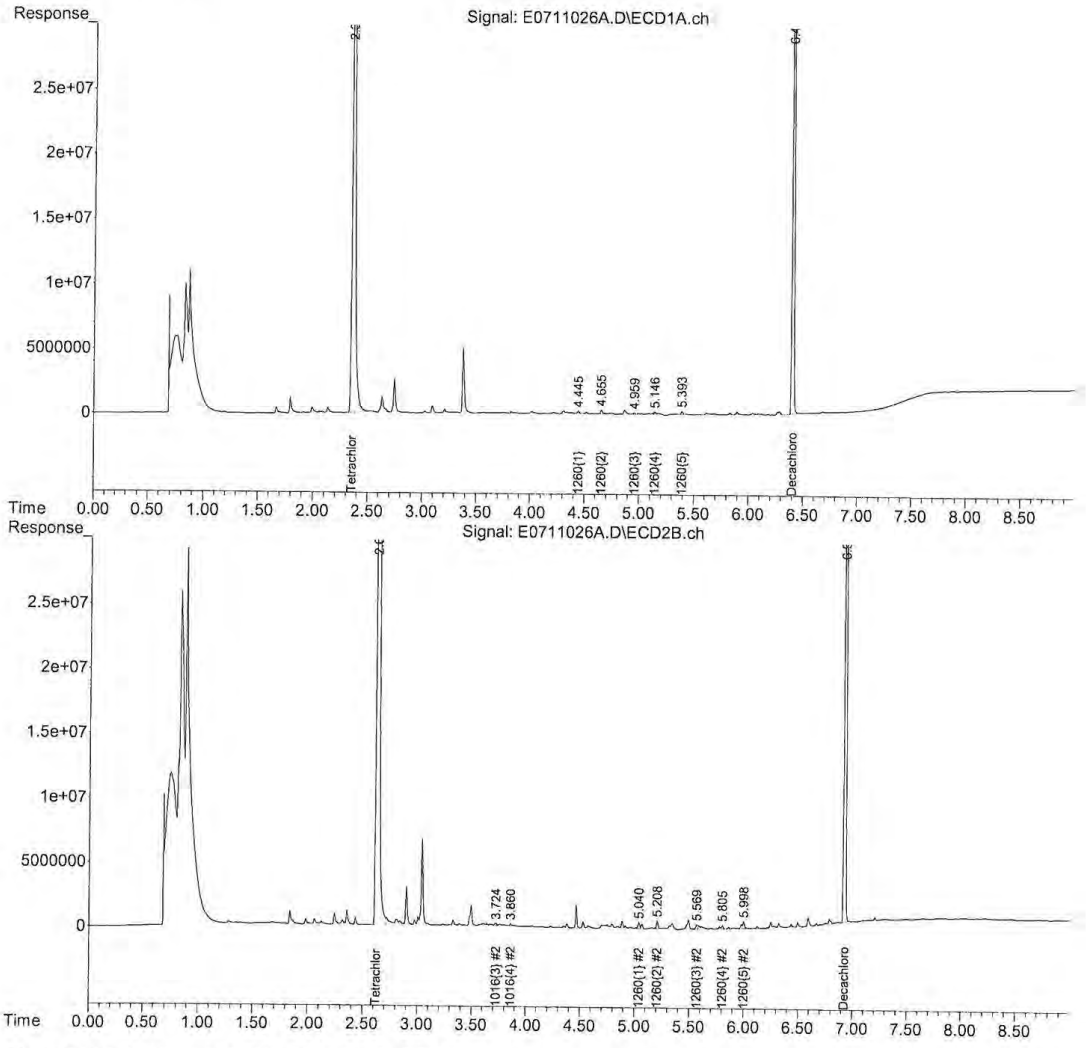
5-1260-071112.M Thu Jul 12 10:08:34 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711026A.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 4:35 pm
Operator : JMB
Sample : 12G0086-11@5X Inst : ECD 5
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:47:54 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 :



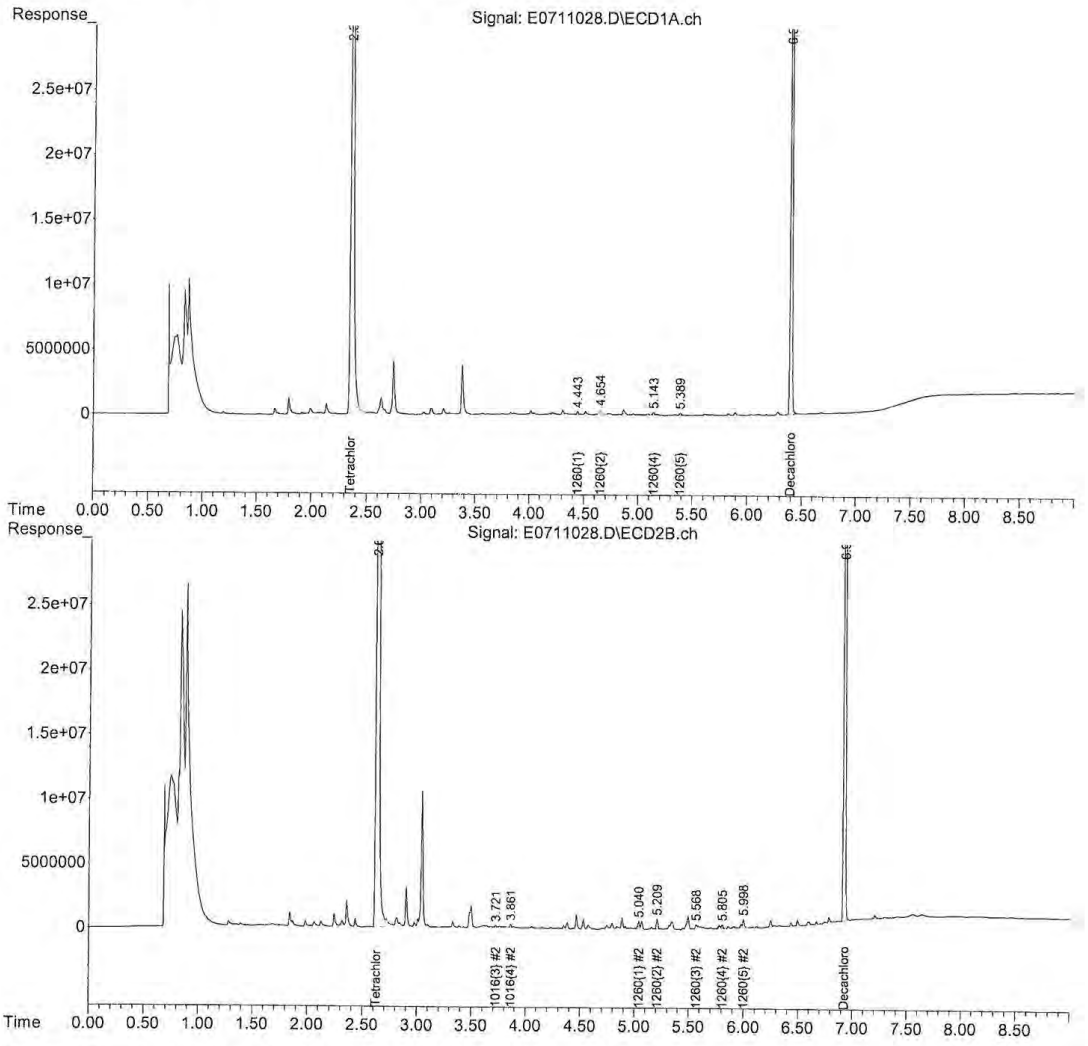
5-1260-071112.M Thu Jul 12 10:08:39 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 4:47 pm
Operator :
Sample : 12G0086-12@5X Inst : ECD 5
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:48:00 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 :



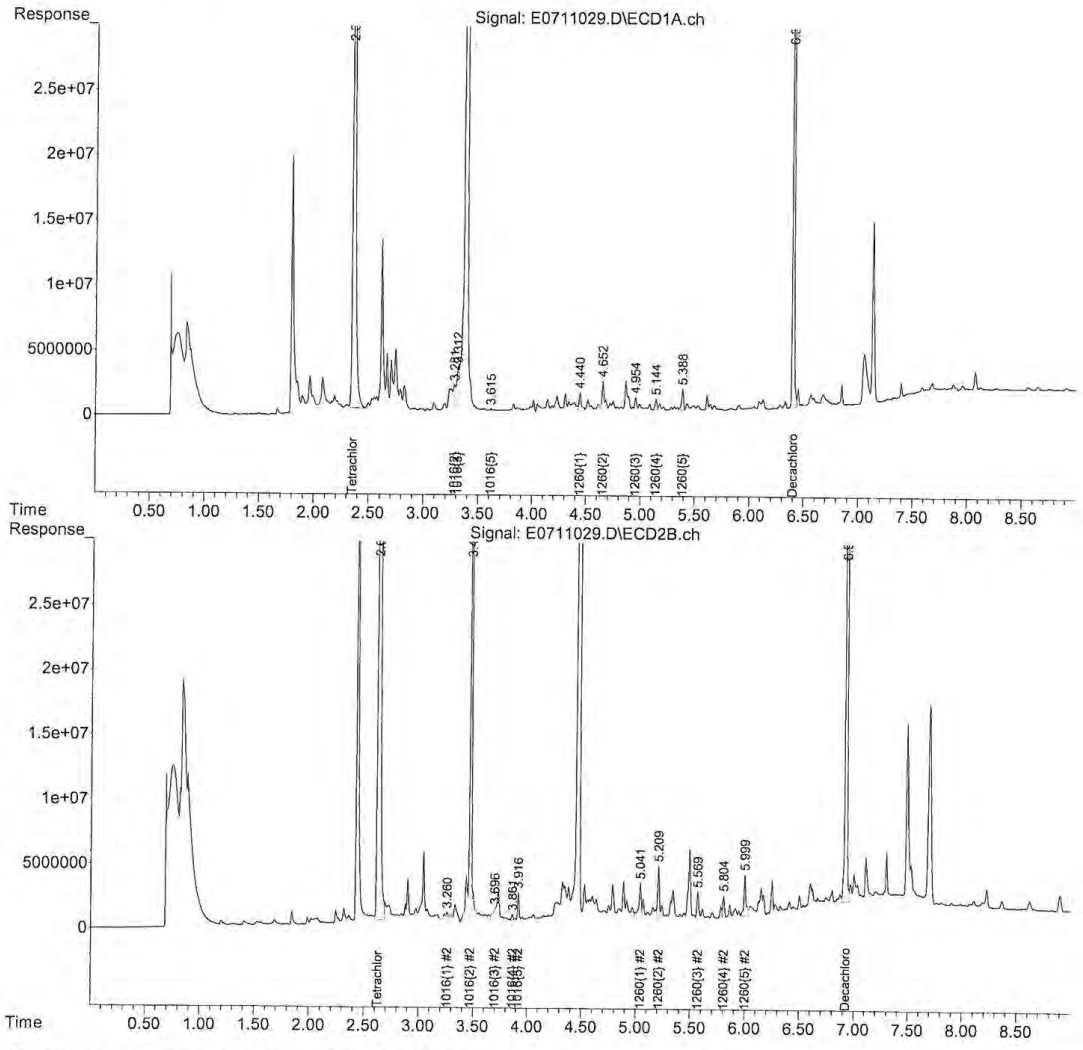
5-1260-071112.M Thu Jul 12 10:08:44 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 5:00 pm
Operator :
Sample : 12G0086-13@5X Inst : ECD 5
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:48:05 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 :



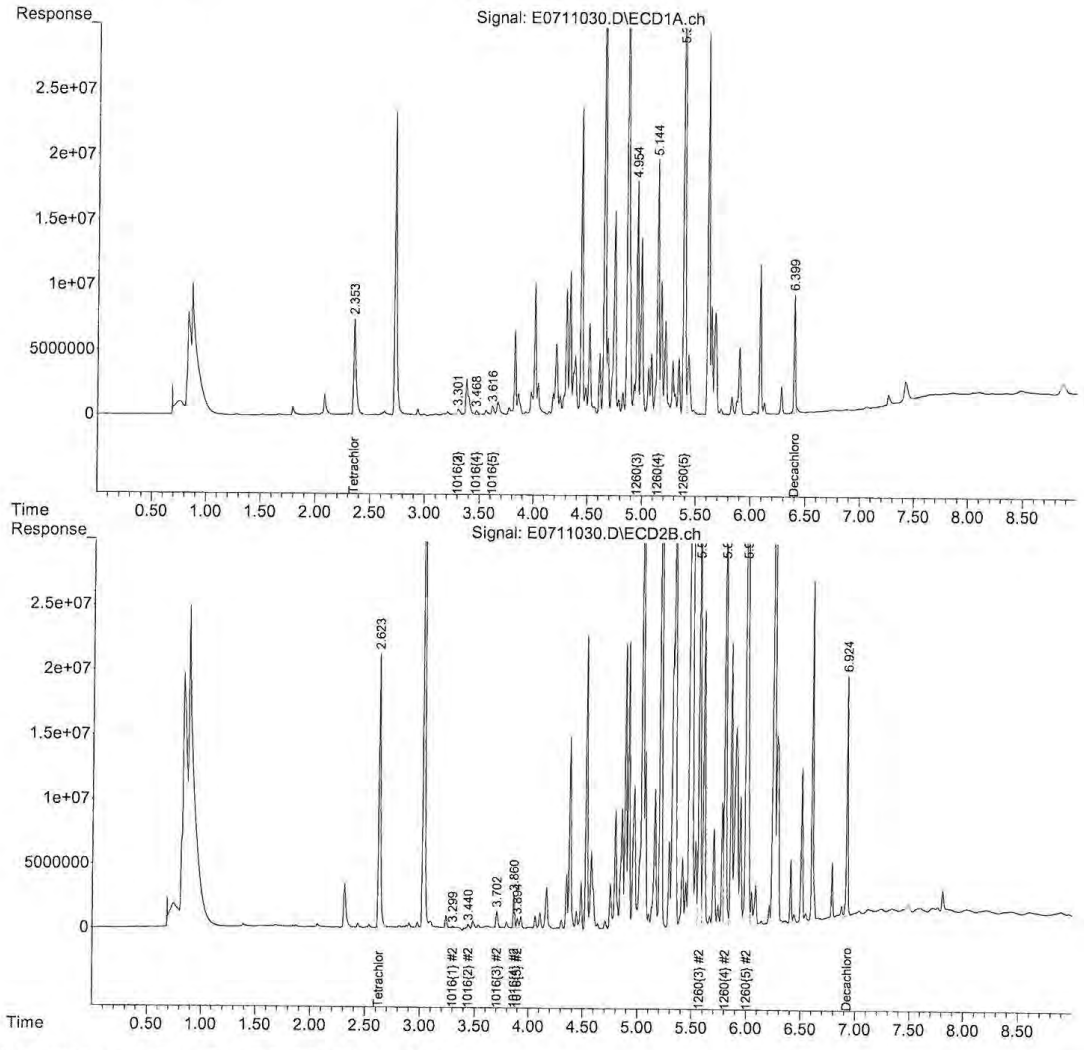
5-1260-071112.M Thu Jul 12 10:08:49 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 5:13 pm
Operator :
Sample : 12G0086-14@50X Inst : ECD 5
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:19:43 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 :

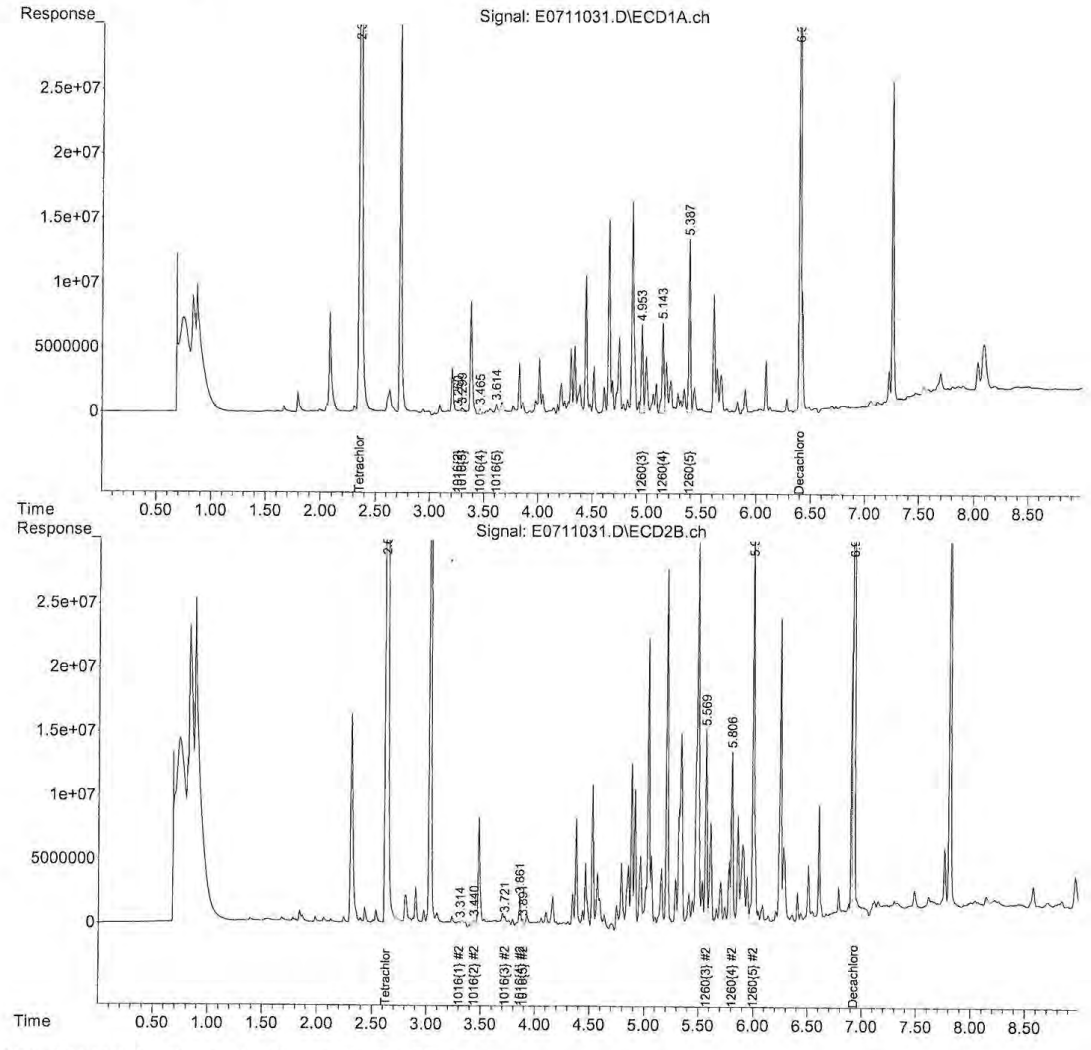


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 5:26 pm
Operator :
Sample : 12G0086-15@5X Inst : ECD 5
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:21:30 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 :



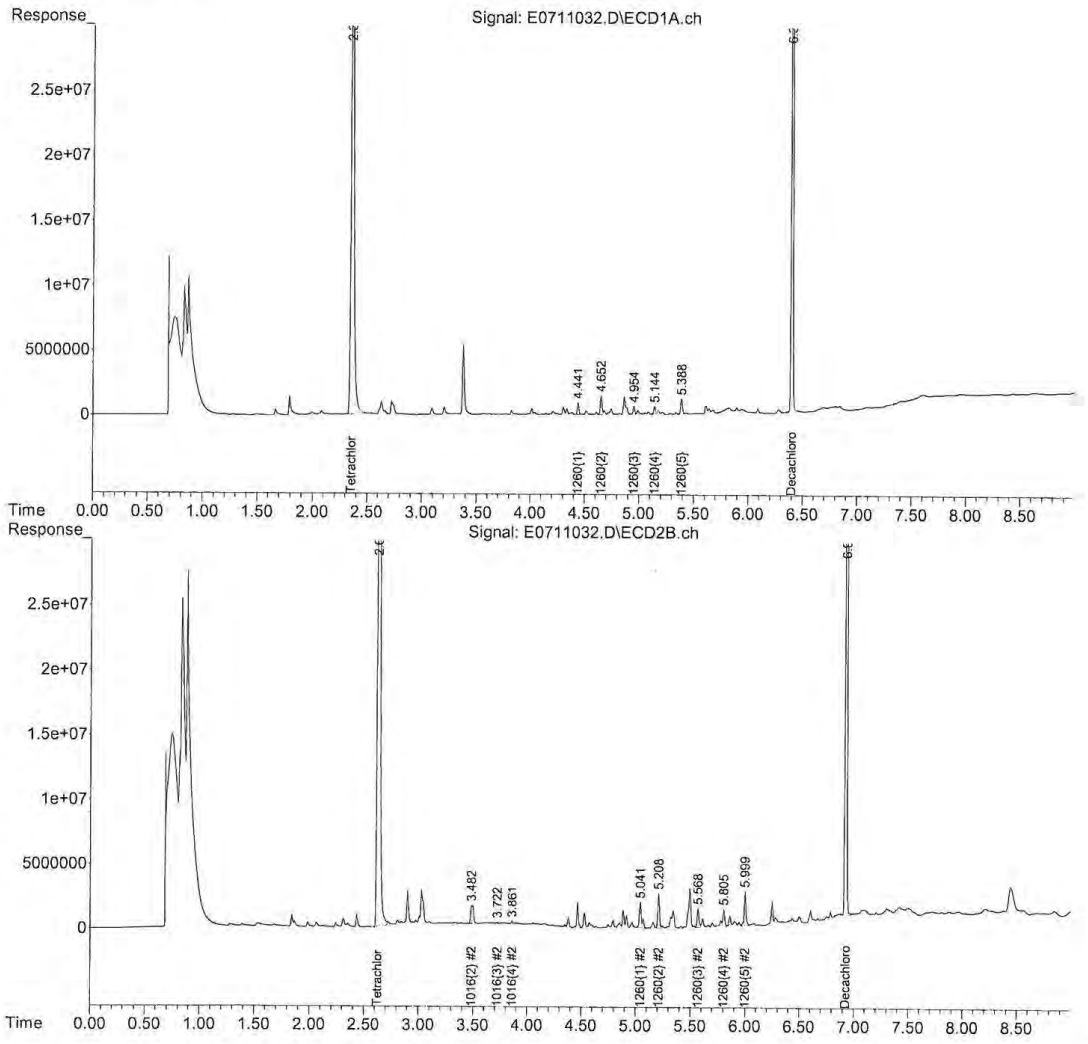
5-1260-071112.M Thu Jul 12 10:08:59 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 5:39 pm
Operator :
Sample : 12G0086-16@5X Inst : ECD 5
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:48:20 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 :



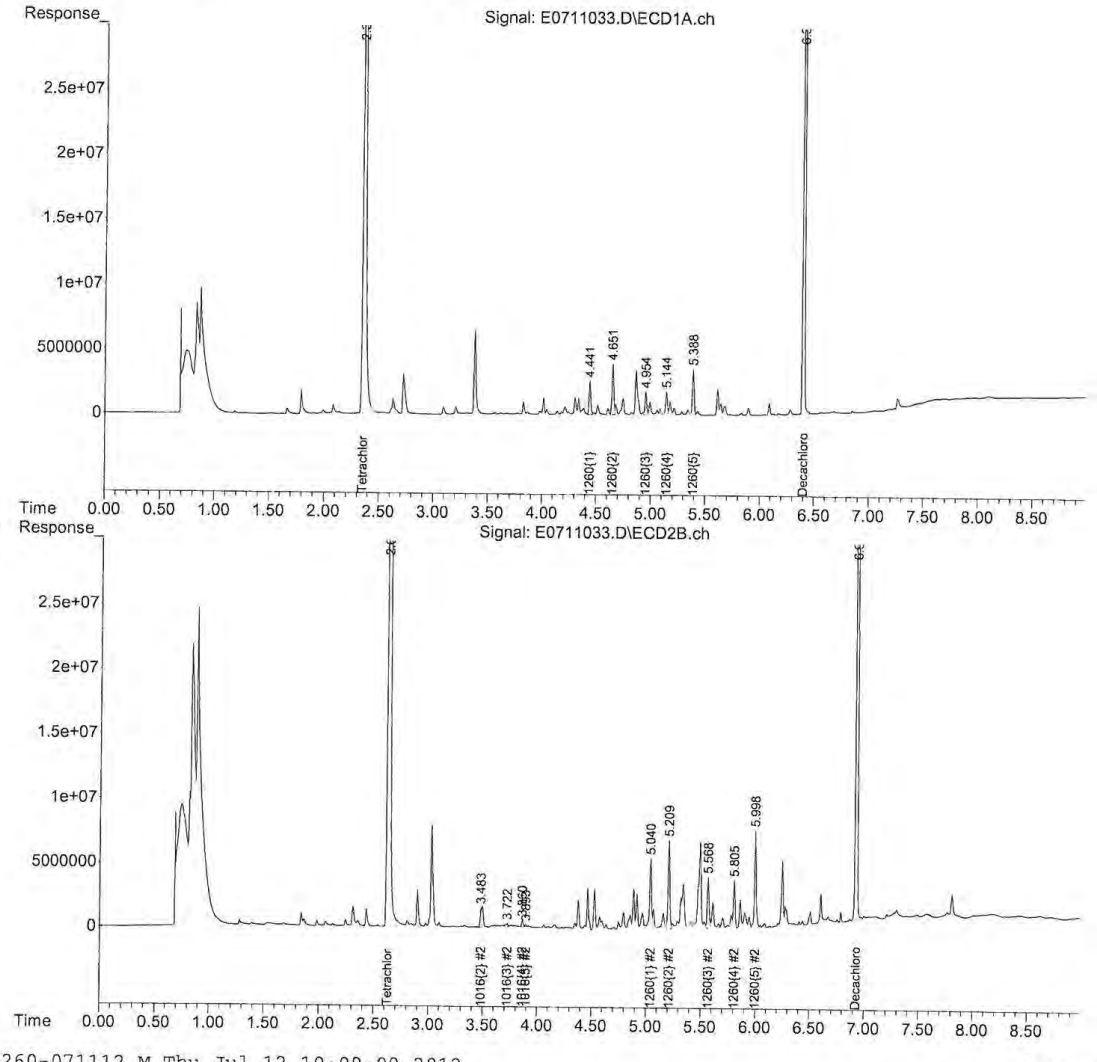
5-1260-071112.M Thu Jul 12 10:09:04 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 5:52 pm
Operator :
Sample : 12G0086-17@5X Inst : ECD 5
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:48:25 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 :



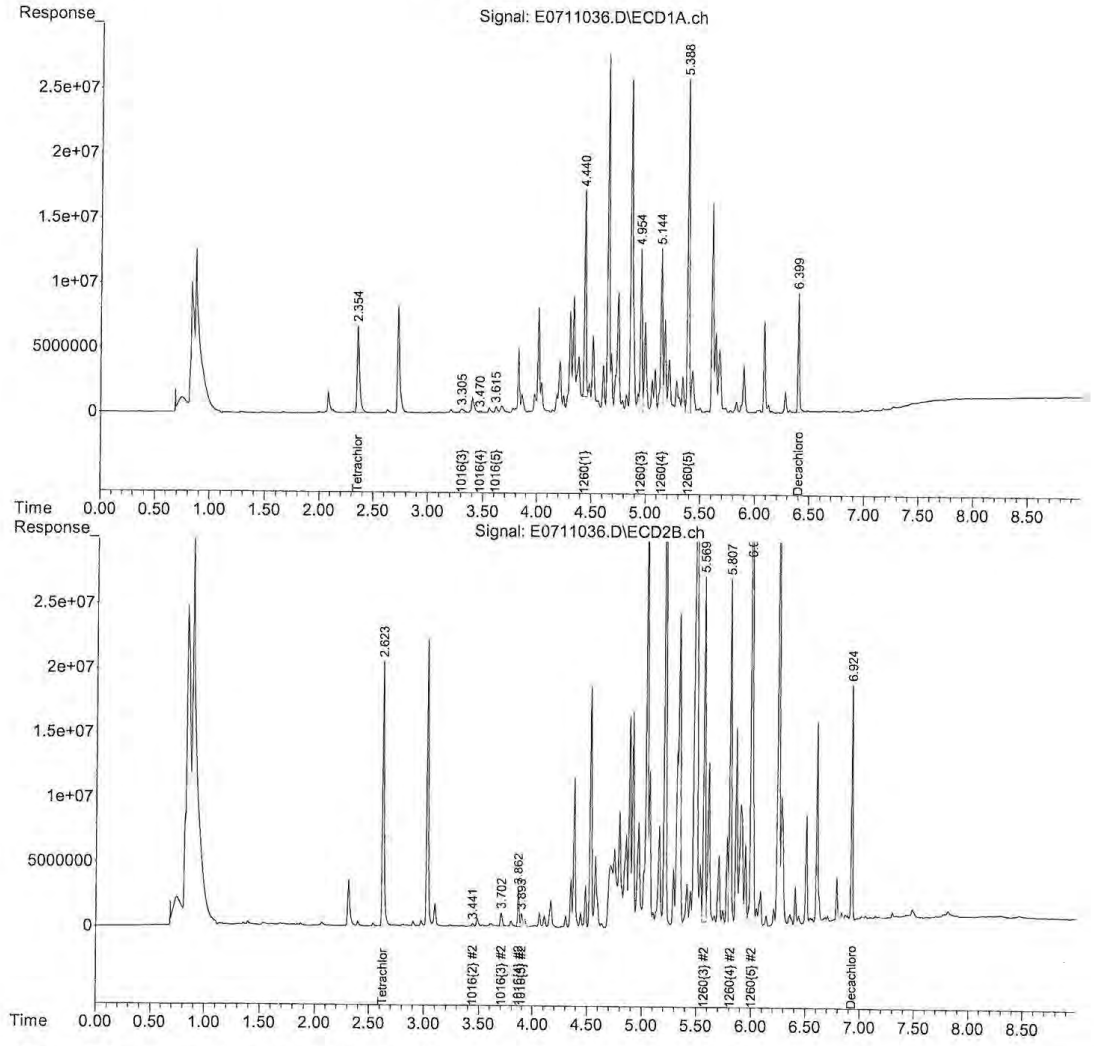
5-1260-071112.M Thu Jul 12 10:09:09 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 6:30 pm
Operator :
Sample : 12G0086-18@50X TBA 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 12 09:27:30 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 :



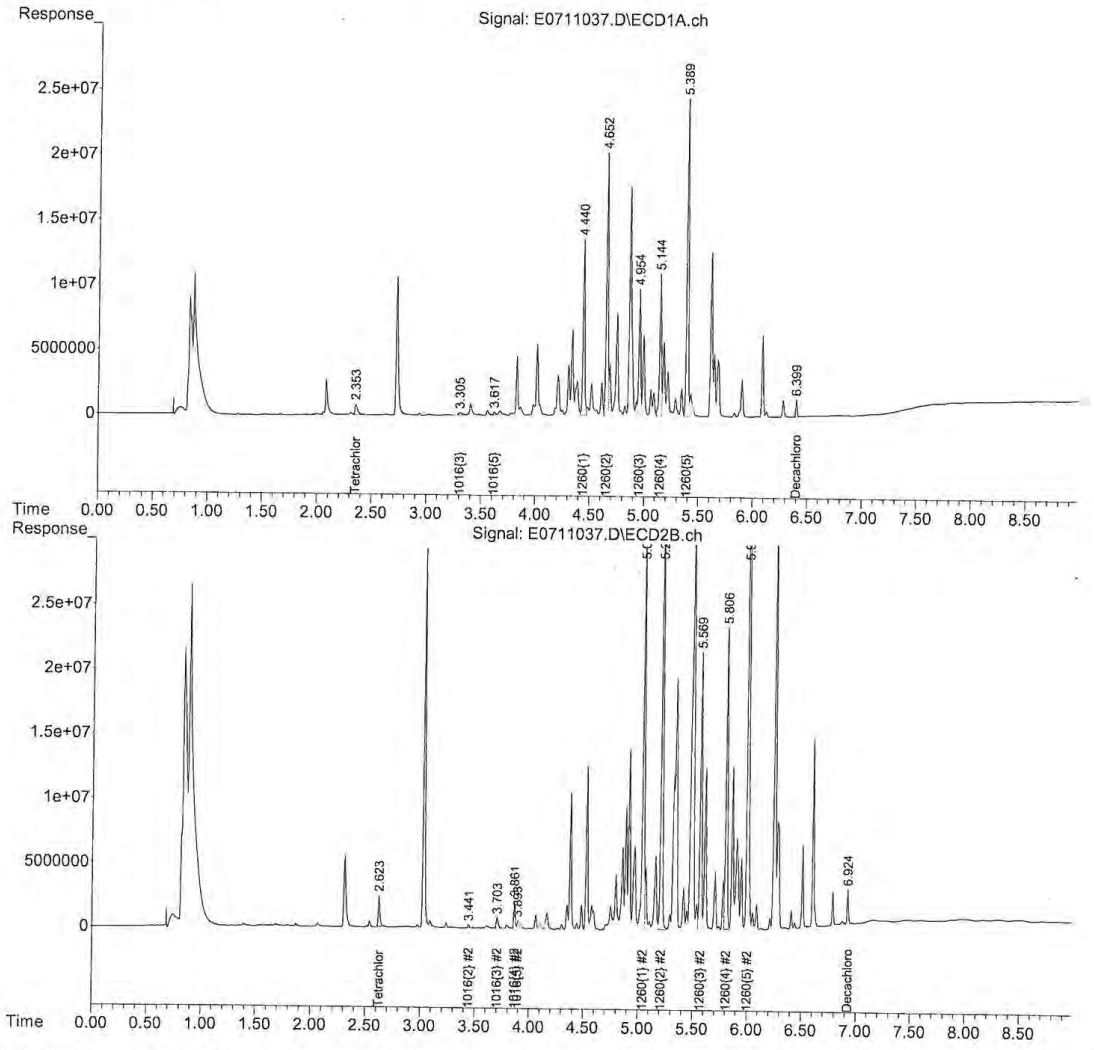
5-1260-071112.M Thu Jul 12 10:09:14 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 6:43 pm
Operator :
Sample : 12G0086-19@500X 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 12 08:48:45 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 :



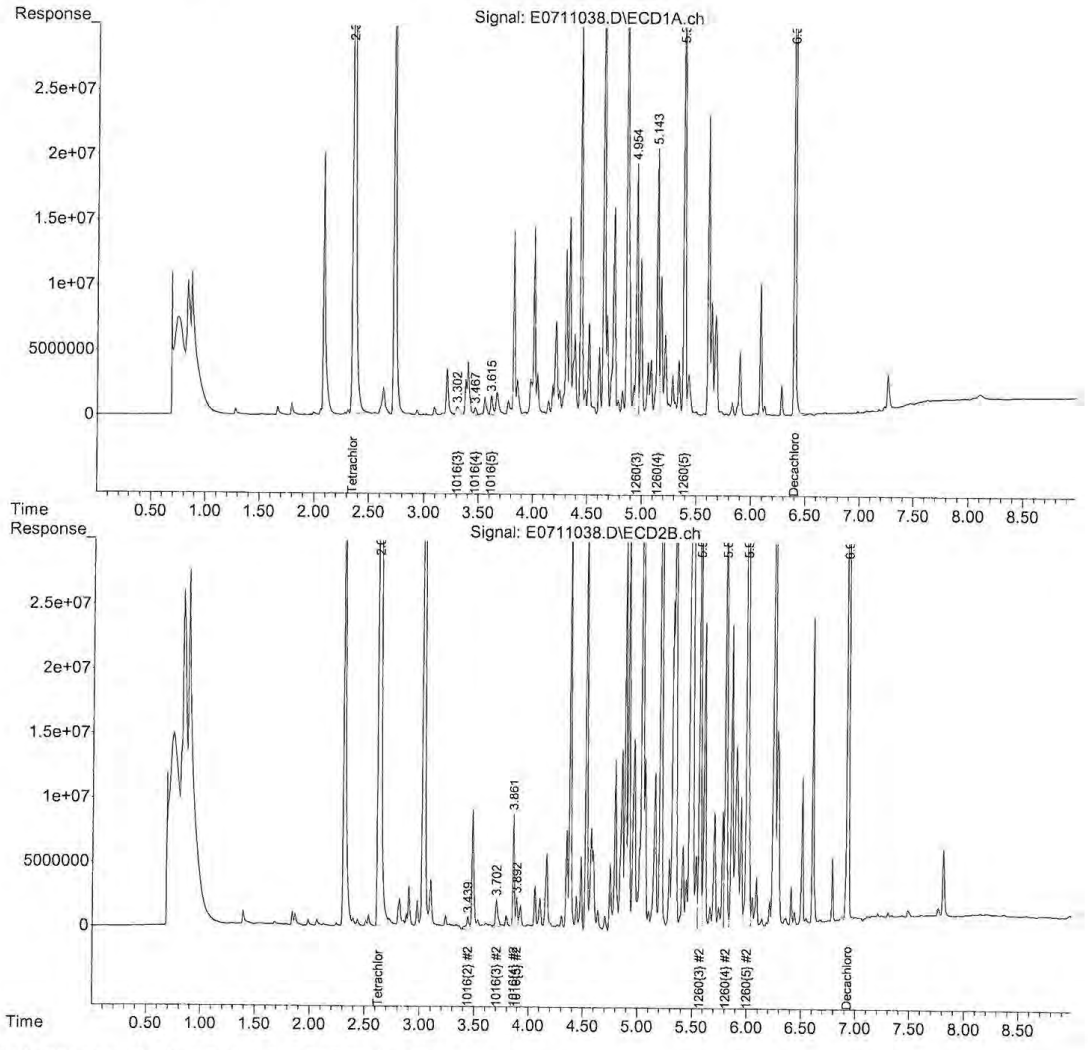
5-1260-071112.M Thu Jul 12 10:09:19 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 6:56 pm
Operator :
Sample : 12G0086-20@5X 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 12 09:35:14 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 :



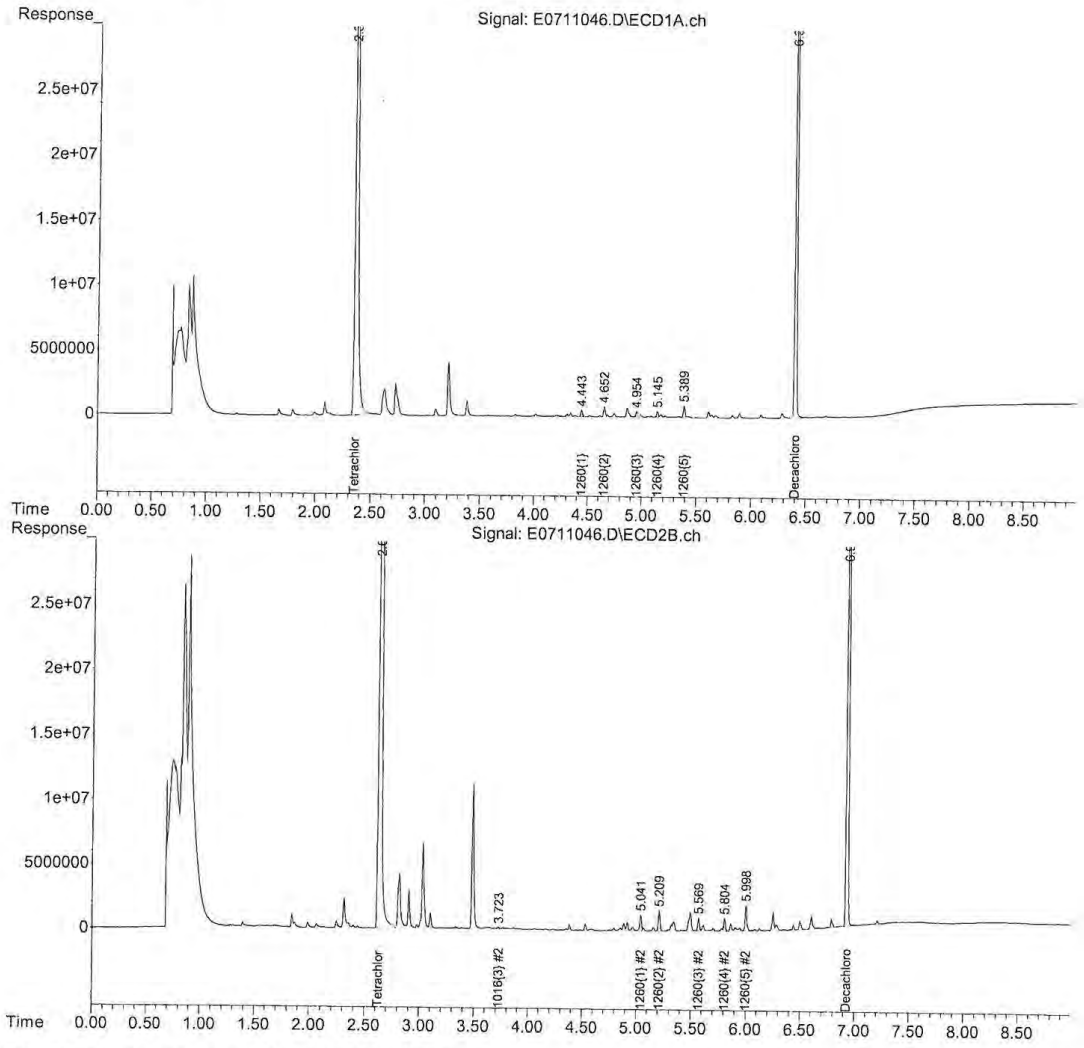
5-1260-071112.M Thu Jul 12 10:09:24 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 8:38 pm
Operator :
Sample : 12G0086-21@5X Inst : ECD 5
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:49:30 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 :



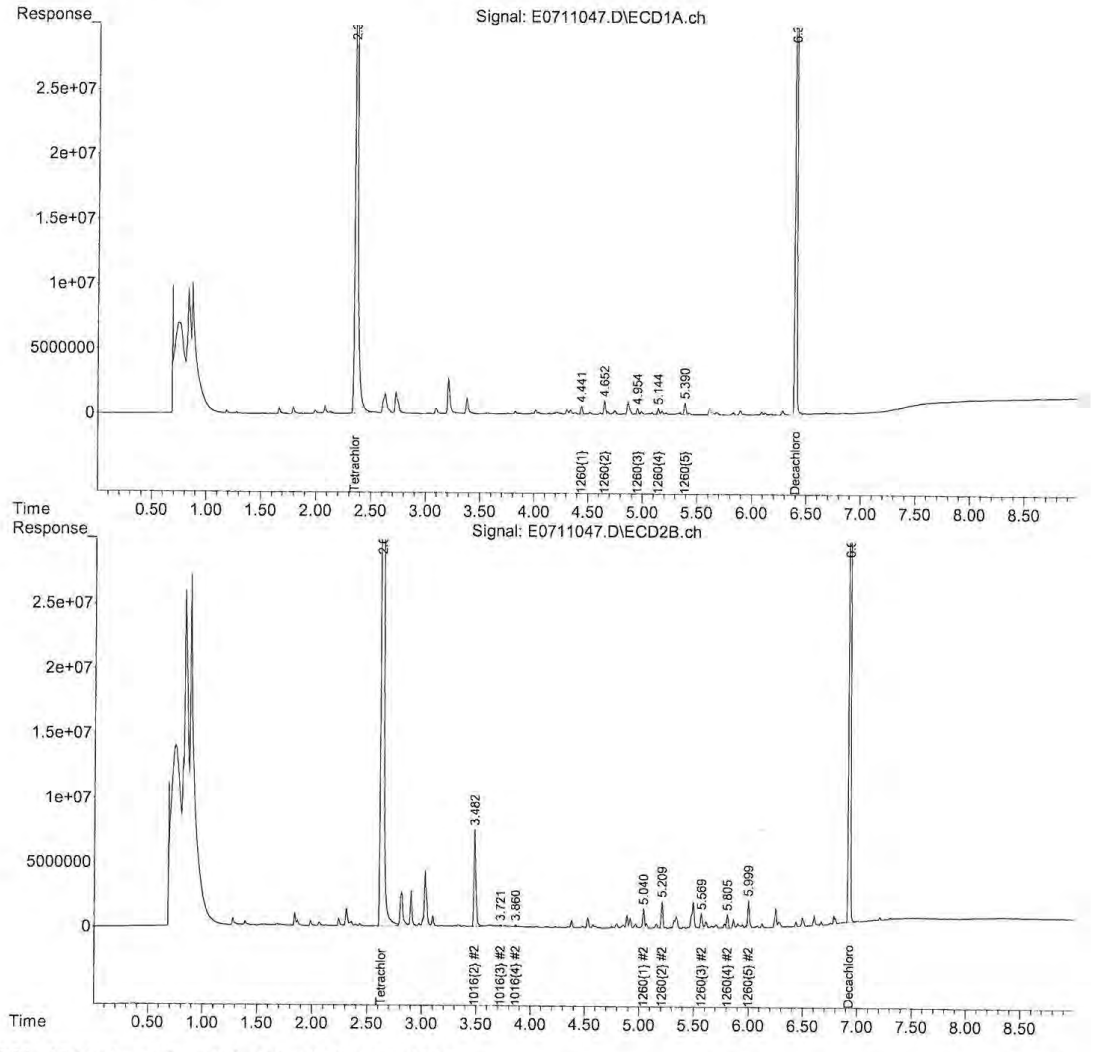
5-1260-071112.M Thu Jul 12 10:09:29 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 8:51 pm
Operator :
Sample : 12G0086-22@5X Inst : ECD 5
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:49:35 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 :



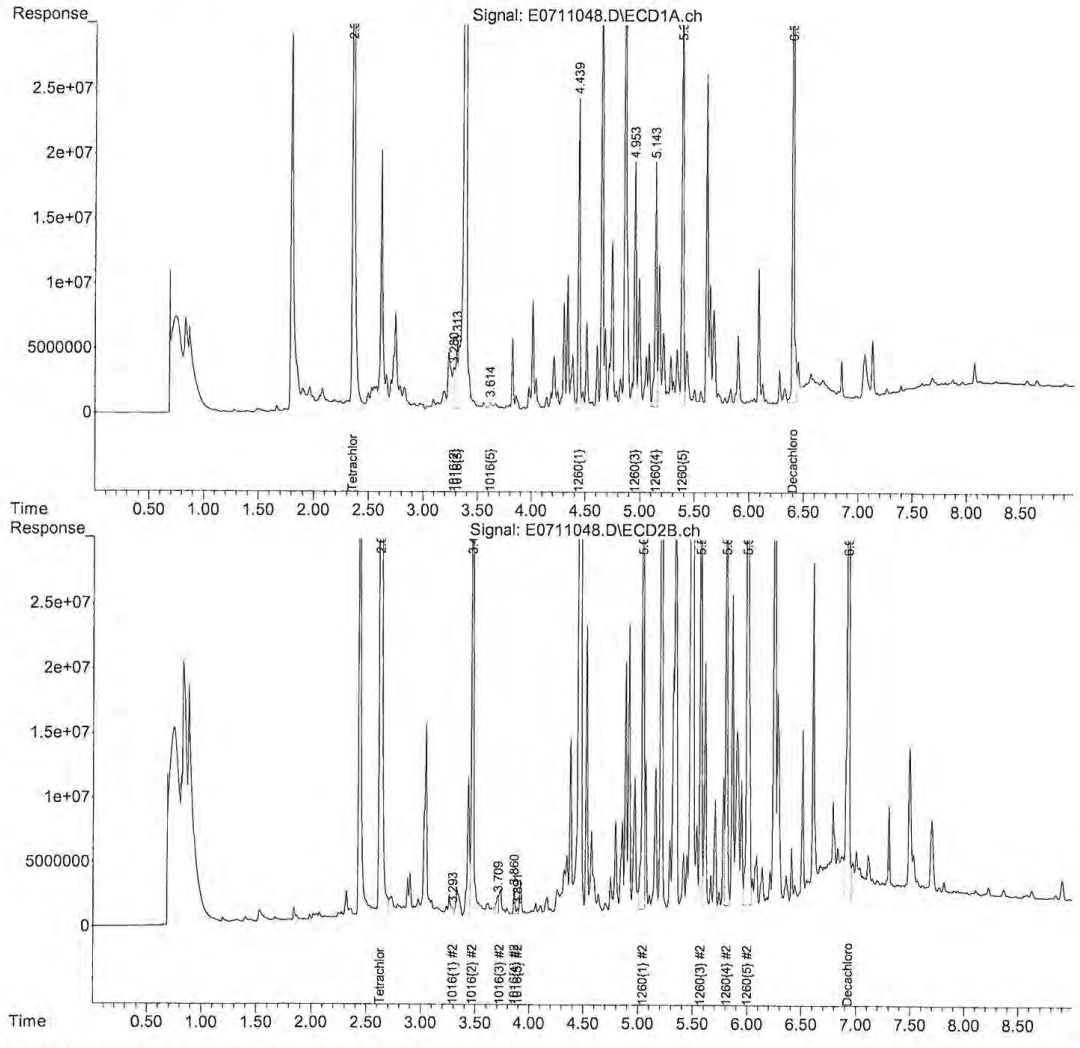
5-1260-071112.M Thu Jul 12 10:09:34 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 9:04 pm
Operator :
Sample : 12G0086-23@5X Inst : ECD 5
Misc :
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:38:13 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 :



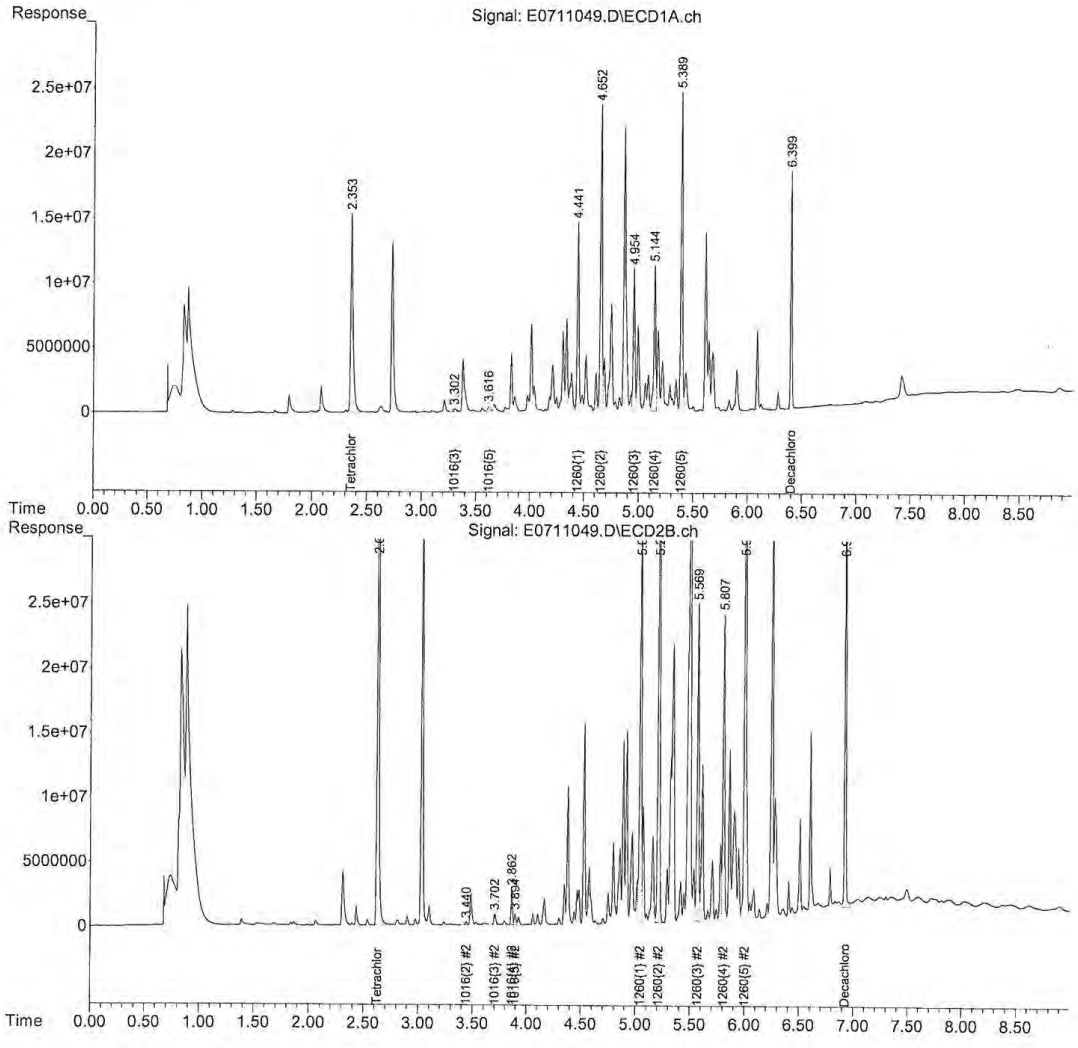
5-1260-071112.M Thu Jul 12 10:09:39 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 9:17 pm
Operator :
Sample : 12G0086-24@25X Inst : ECD 5
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:49:45 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 :



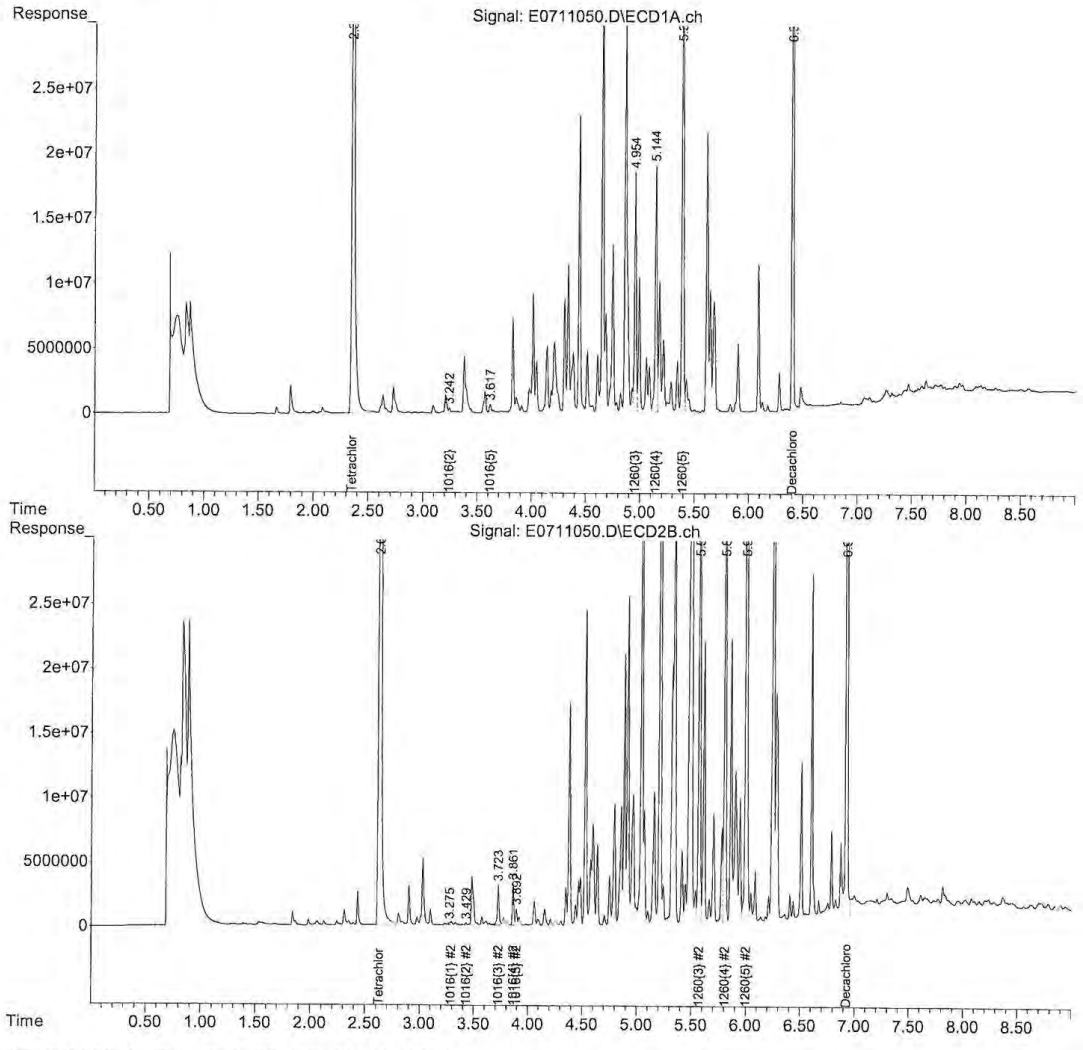
5-1260-071112.M Thu Jul 12 10:09:44 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711050.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 9:30 pm
Operator :
Sample : 12G0086-25@5X Inst : ECD 5
Misc :
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:41:04 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 :



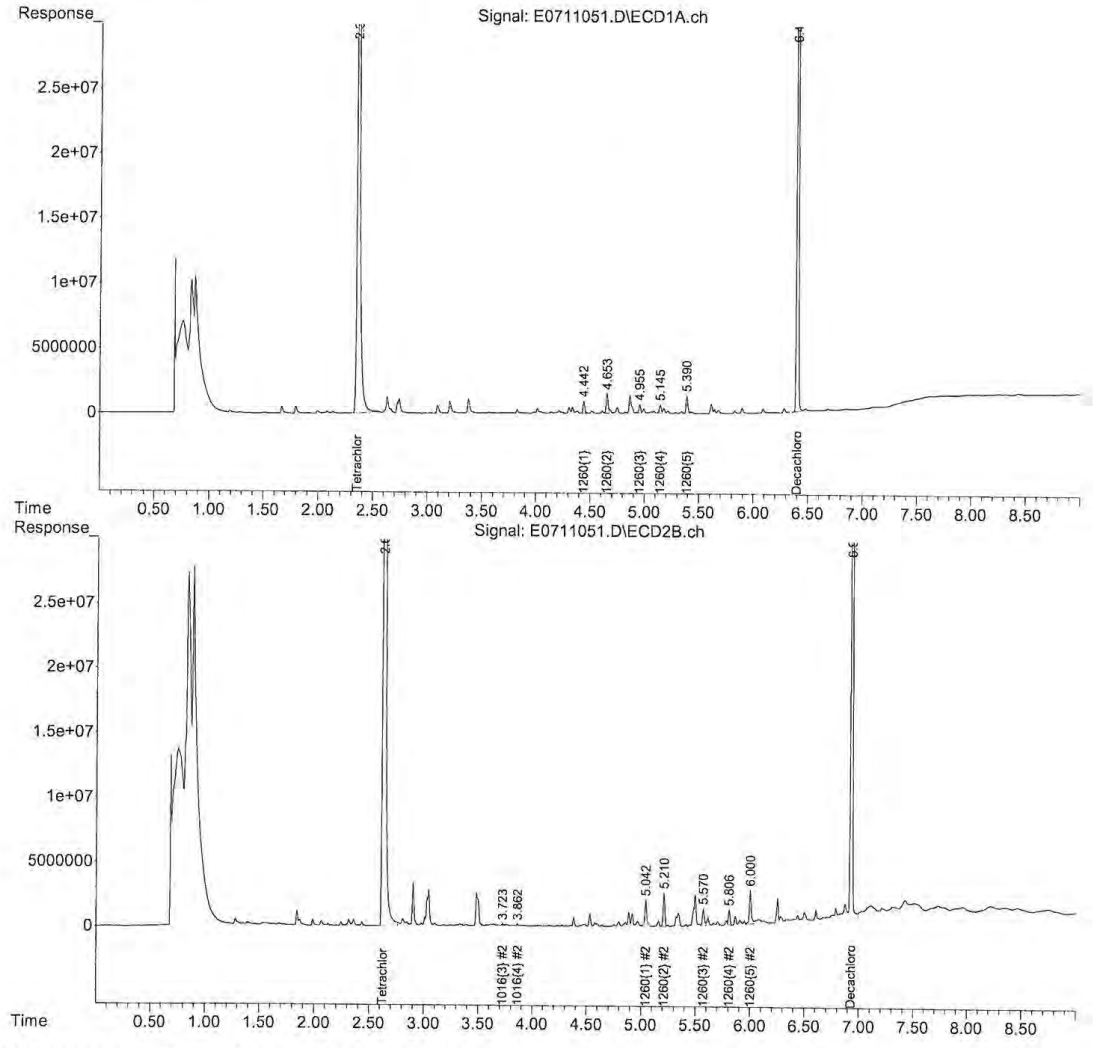
5-1260-071112.M Thu Jul 12 10:09:49 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 9:42 pm
Operator :
Sample : 12G0086-26@5X Inst : ECD 5
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:49:55 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 :



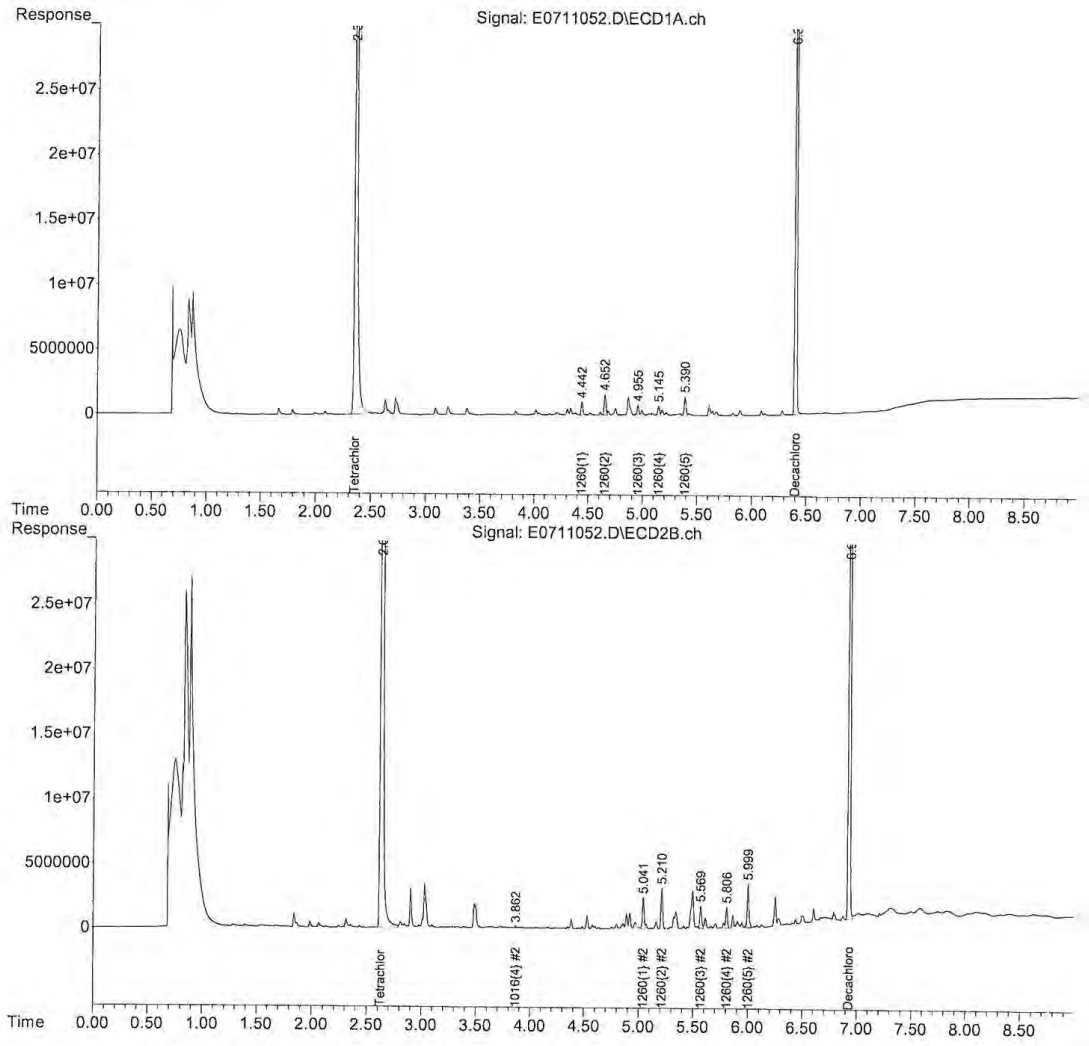
5-1260-071112.M Thu Jul 12 10:09:54 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 9:55 pm
Operator :
Sample : 12G0086-27@5X Inst : ECD 5
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:00 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 :



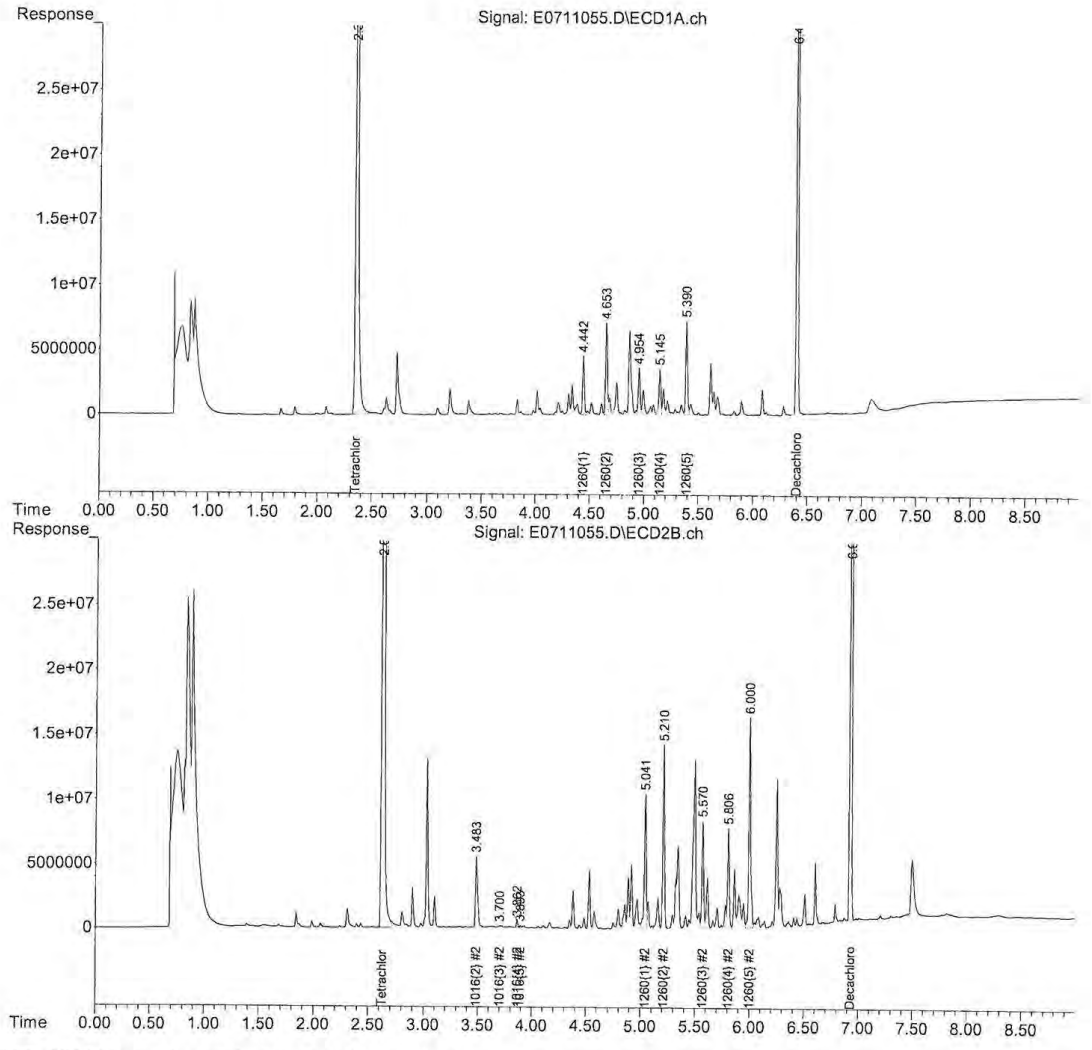
5-1260-071112.M Thu Jul 12 10:09:59 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 10:34 pm
Operator :
Sample : 12G0086-28@5X Inst : ECD 5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:15 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 :



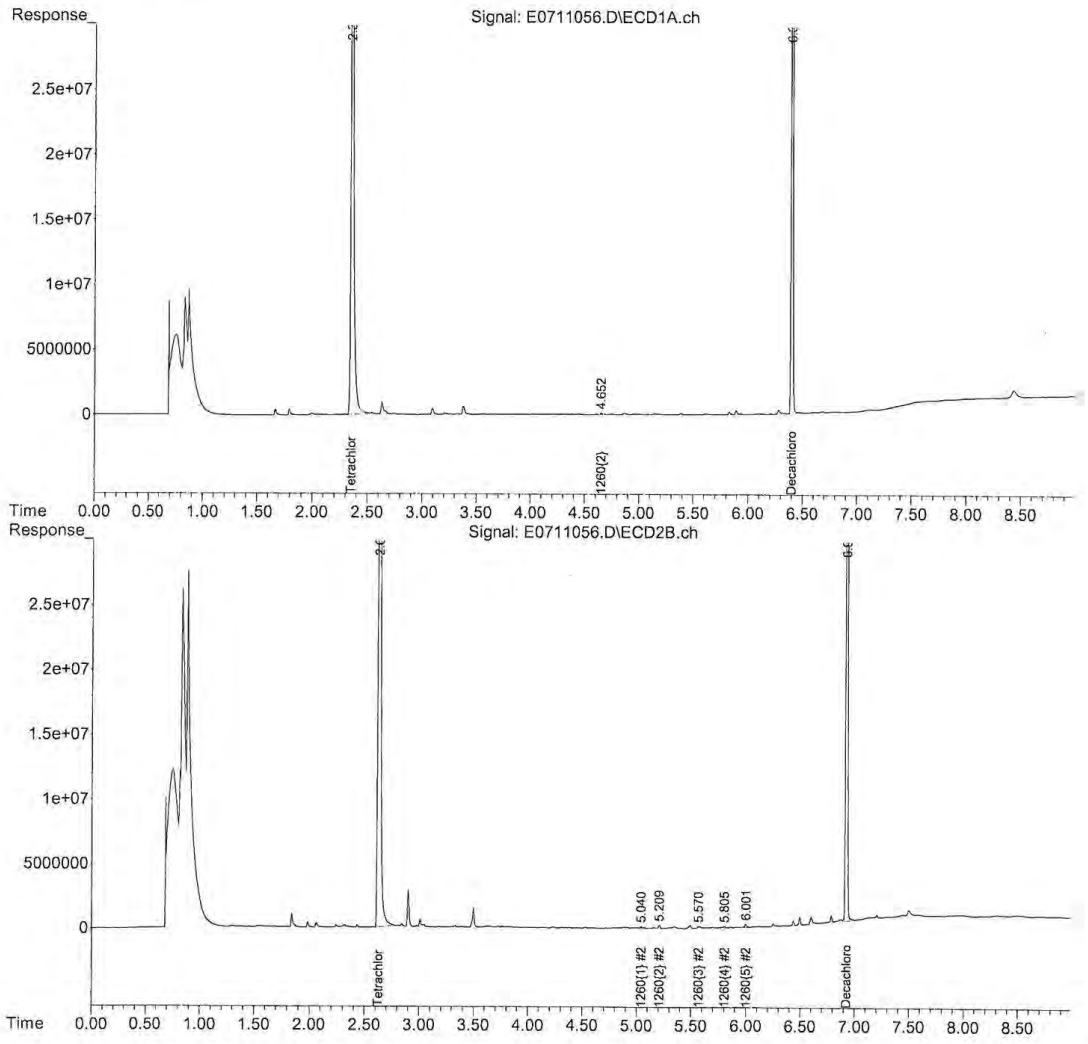
5-1260-071112.M Thu Jul 12 10:10:04 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 10:46 pm
Operator :
Sample : 12G0086-29@5X Inst : ECD 5
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:20 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 :

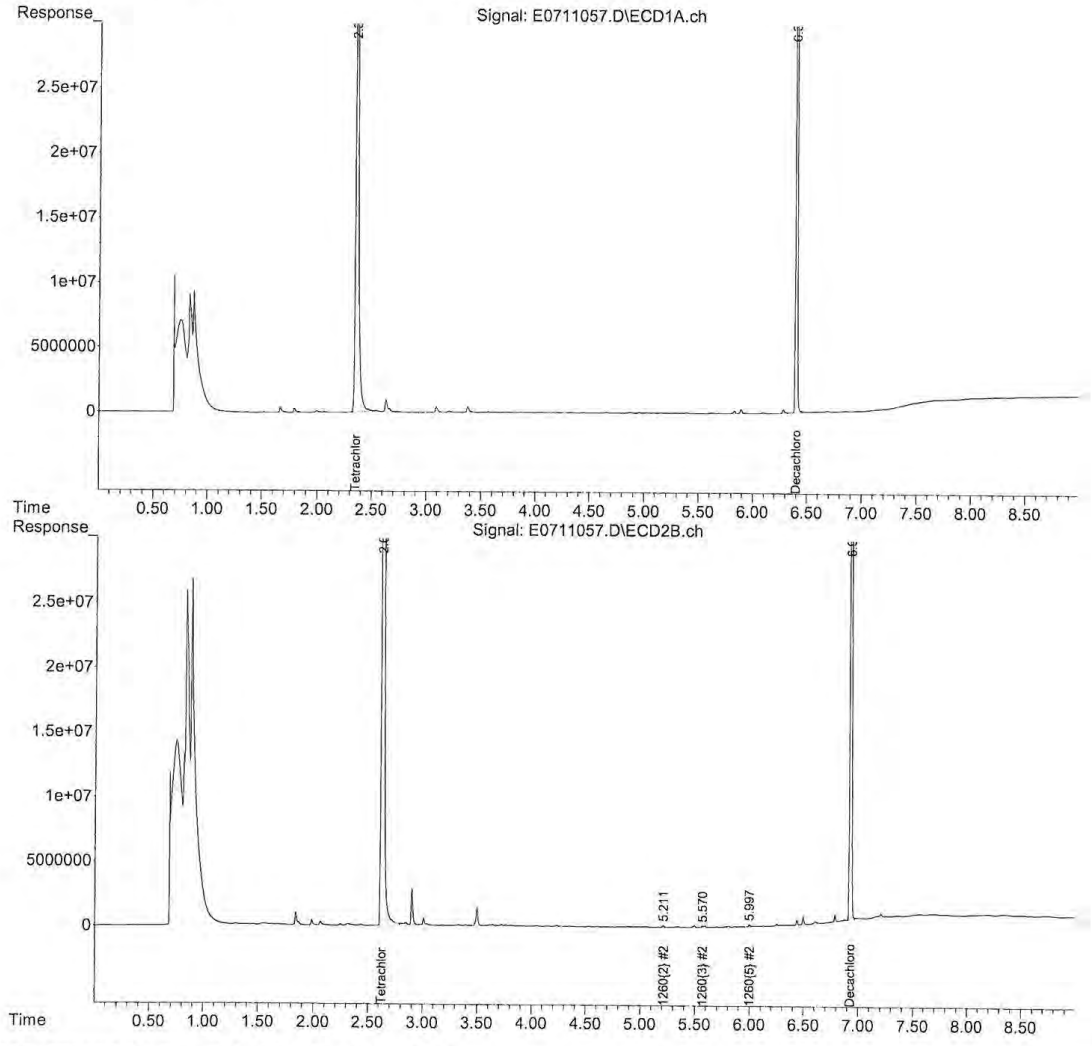


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 10:59 pm
Operator :
Sample : 12G0086-30@5X Inst : ECD 5
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:25 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 :



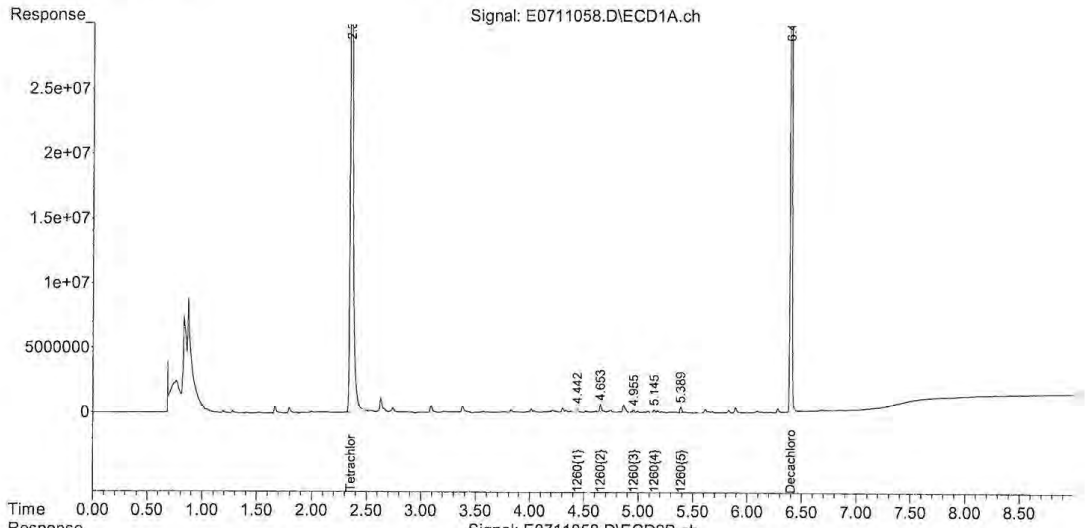
5-1260-071112.M Thu Jul 12 10:10:13 2012 Page: 2

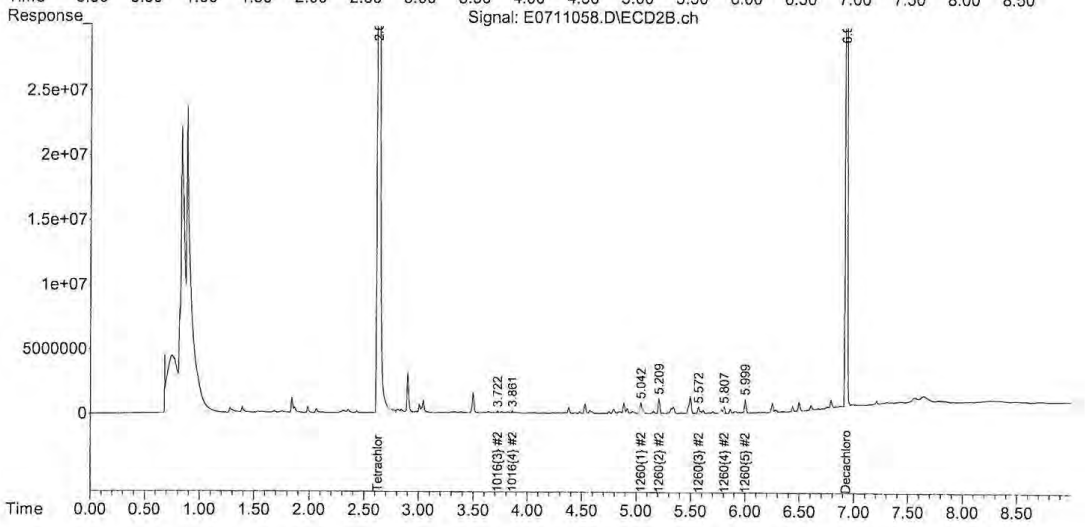
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 11:12 pm
Operator :
Sample : 12G0086-31@5X Inst : ECD 5
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:30 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 :





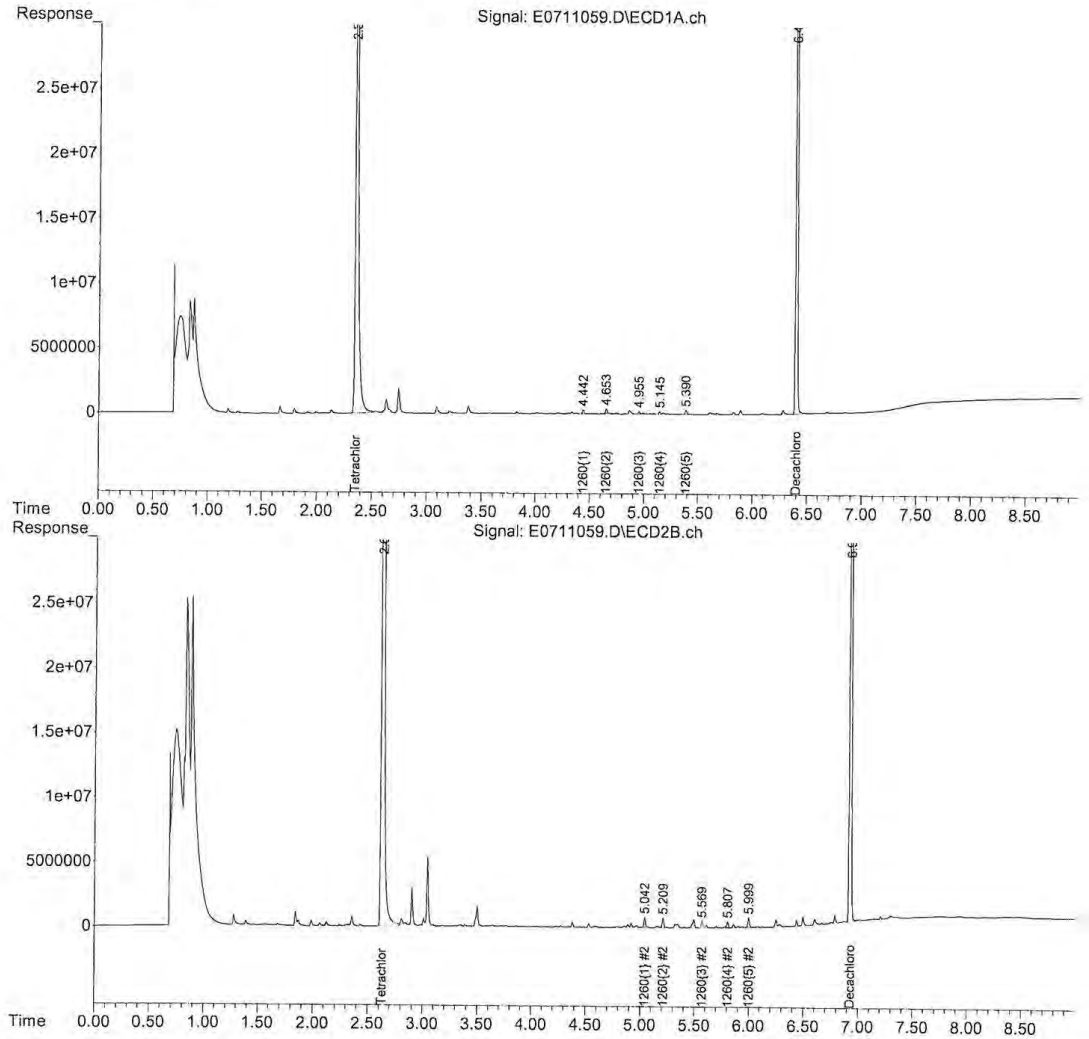
5-1260-071112.M Thu Jul 12 10:10:19 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 11:25 pm
Operator :
Sample : 12G0086-32@5X Inst : ECD 5
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:35 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 :



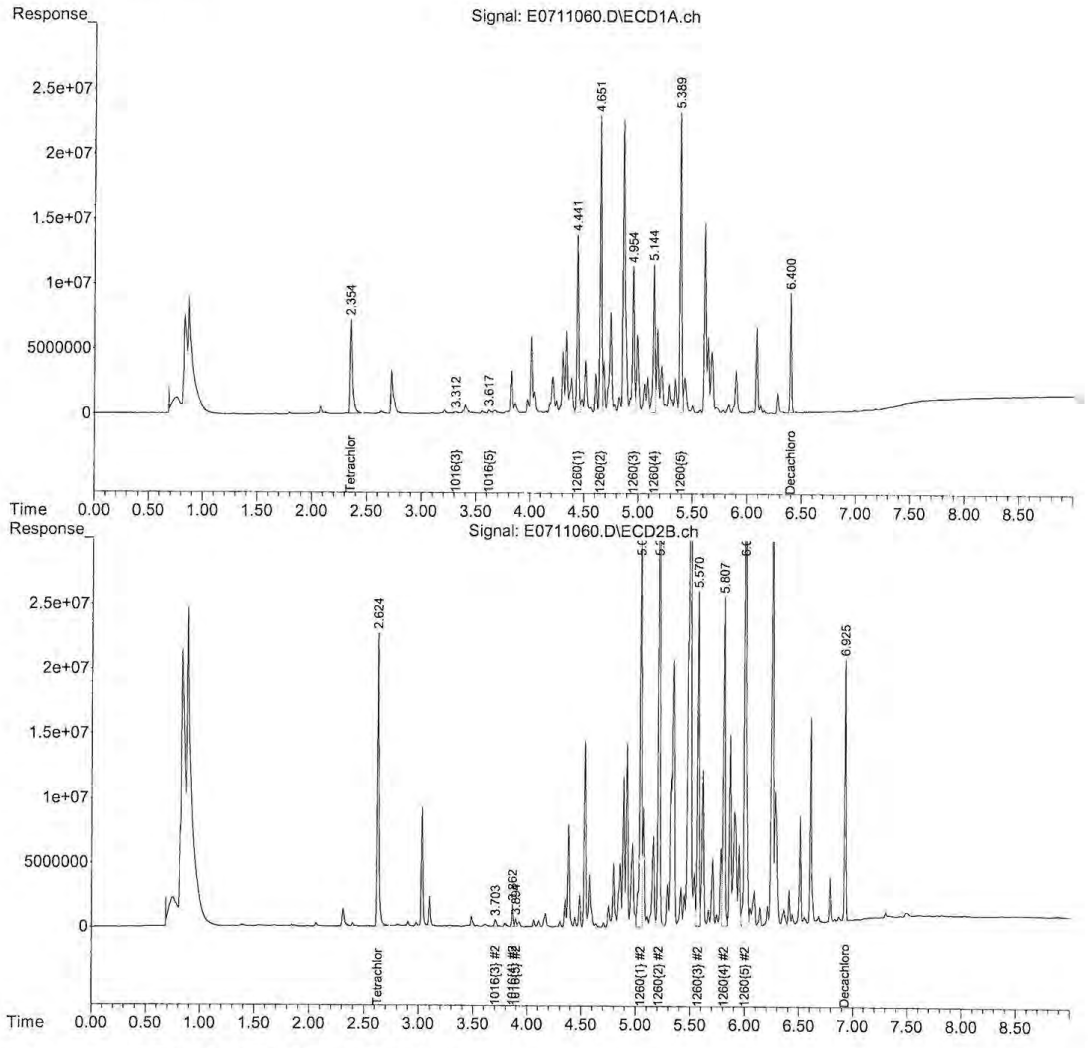
5-1260-071112.M Thu Jul 12 10:10:24 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 11:38 pm
Operator :
Sample : 12G0086-33@50X Inst : ECD 5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:40 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 :



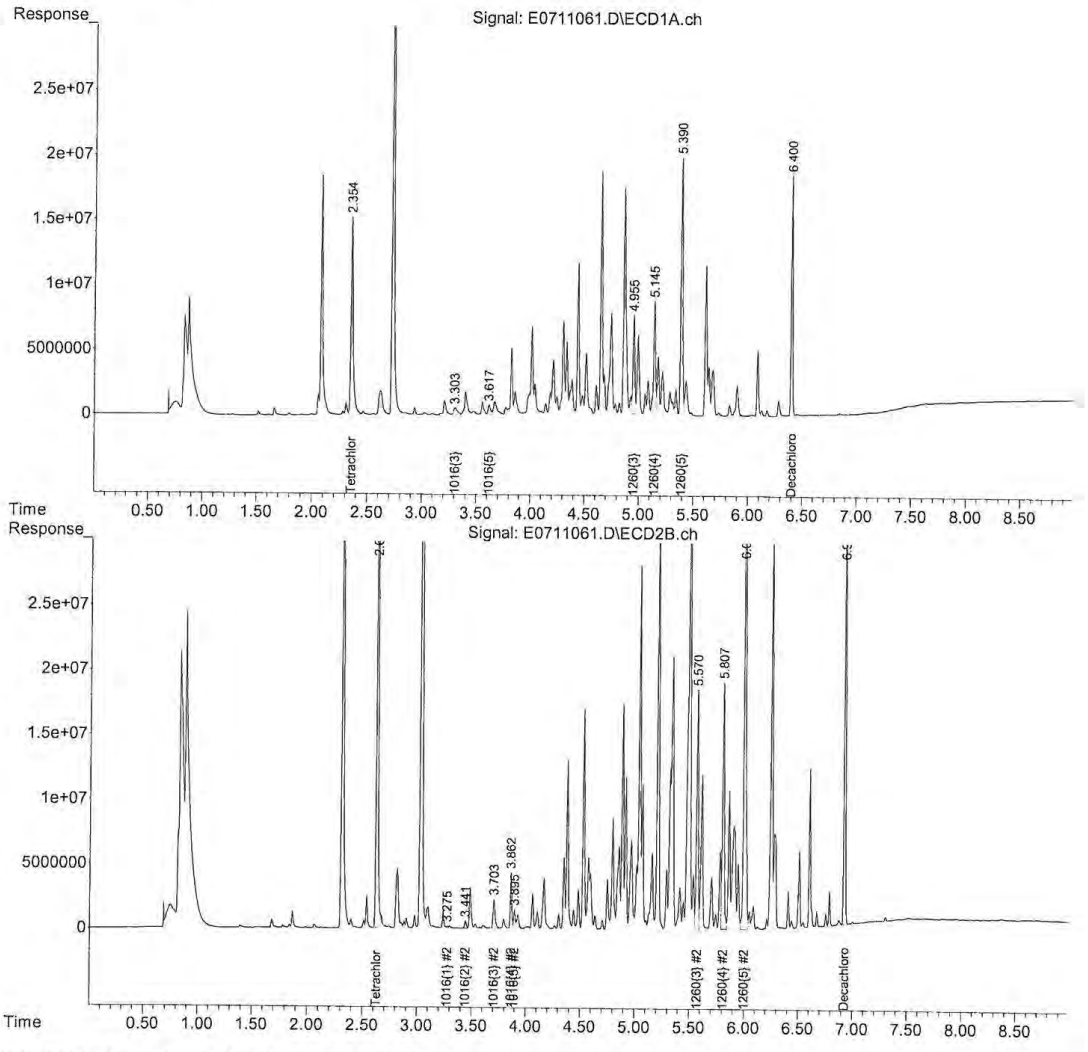
5-1260-071112.M Thu Jul 12 10:10:29 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2012 11:50 pm
Operator :
Sample : 12G0086-34@25X Inst : ECD 5
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:45:04 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 :



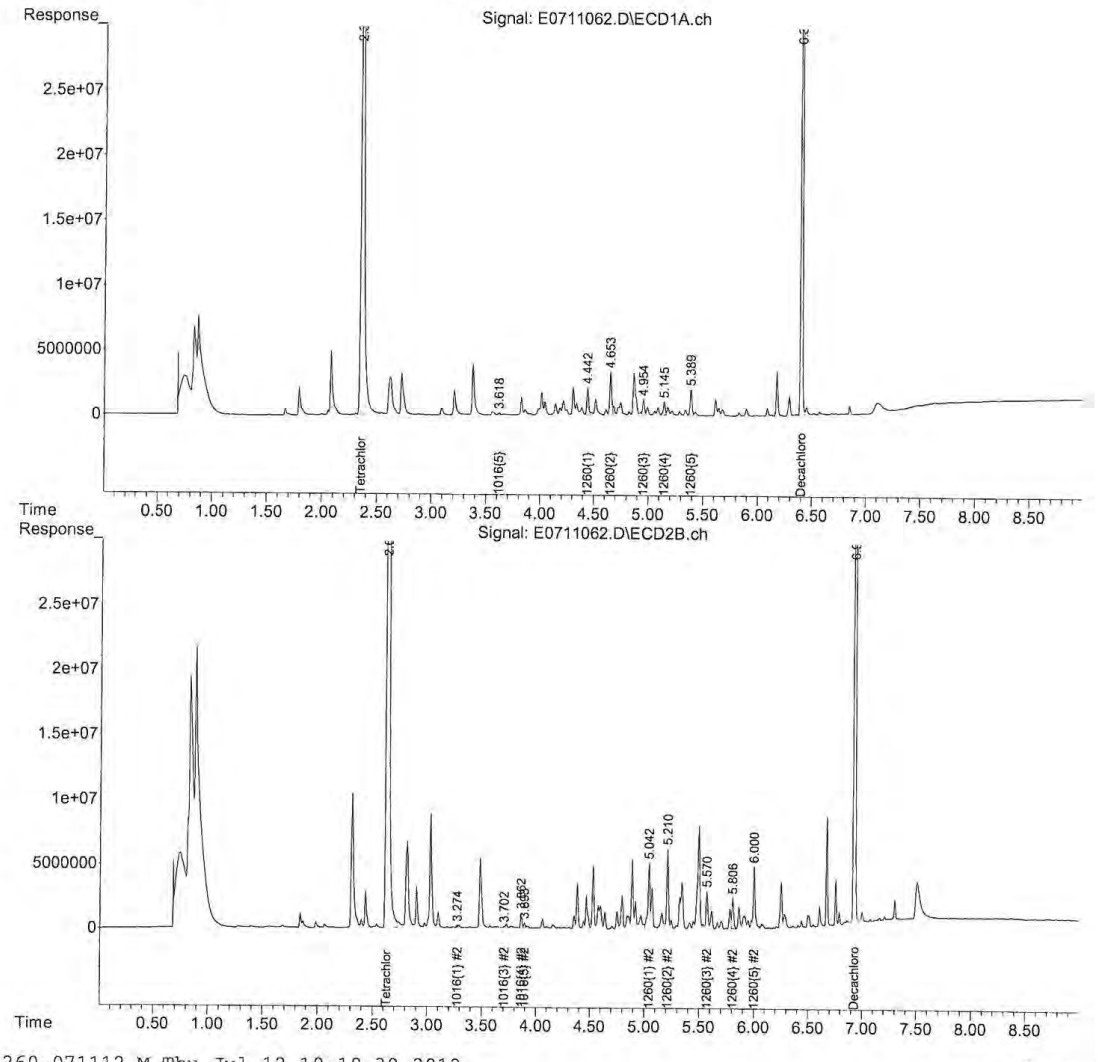
5-1260-071112.M Thu Jul 12 10:10:34 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 12:03 am
Operator :
Sample : 12G0086-35@5X Inst : ECD 5
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:50 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 :



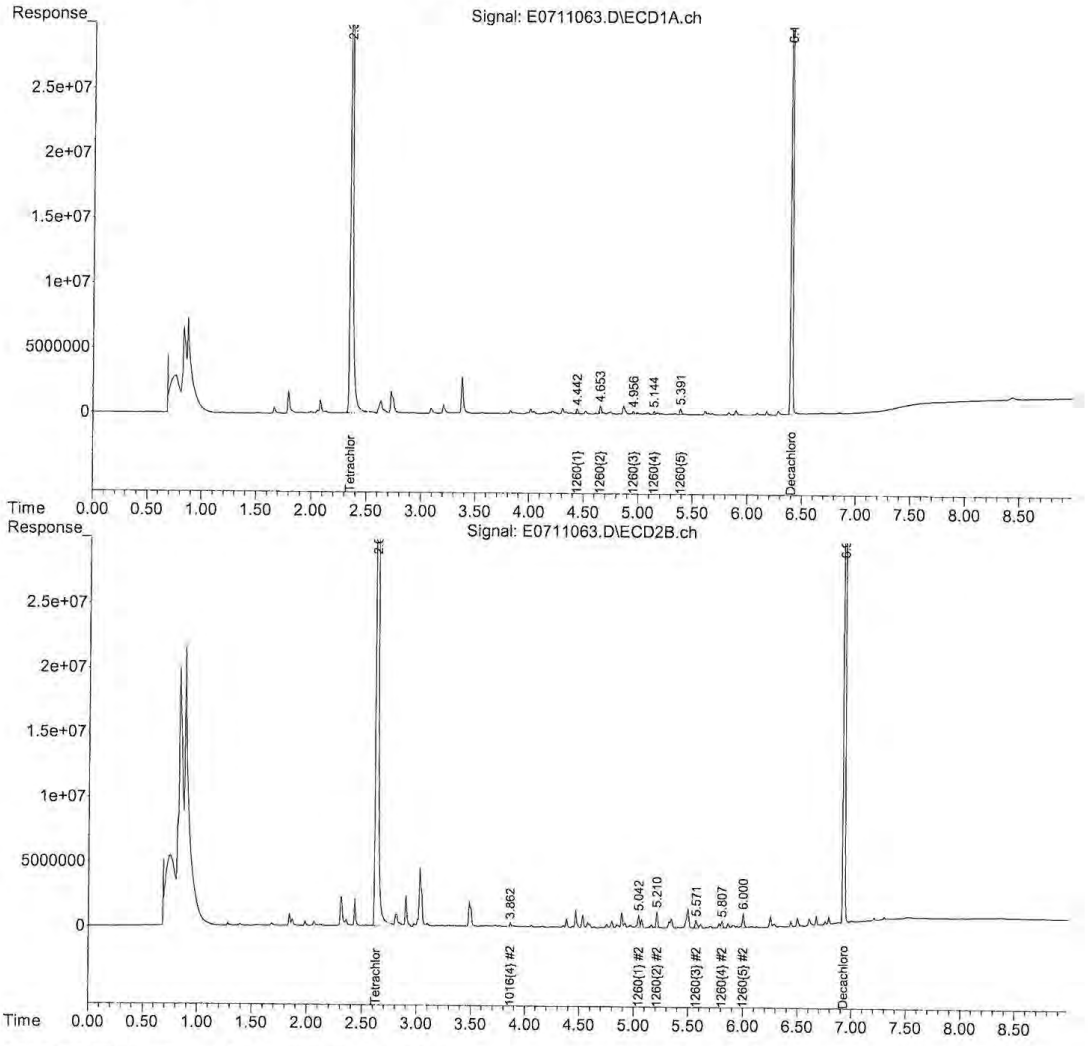
5-1260-071112.M Thu Jul 12 10:10:39 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 12:16 am
Operator :
Sample : 12G0086-36@5X Inst : ECD 5
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:50:55 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 :



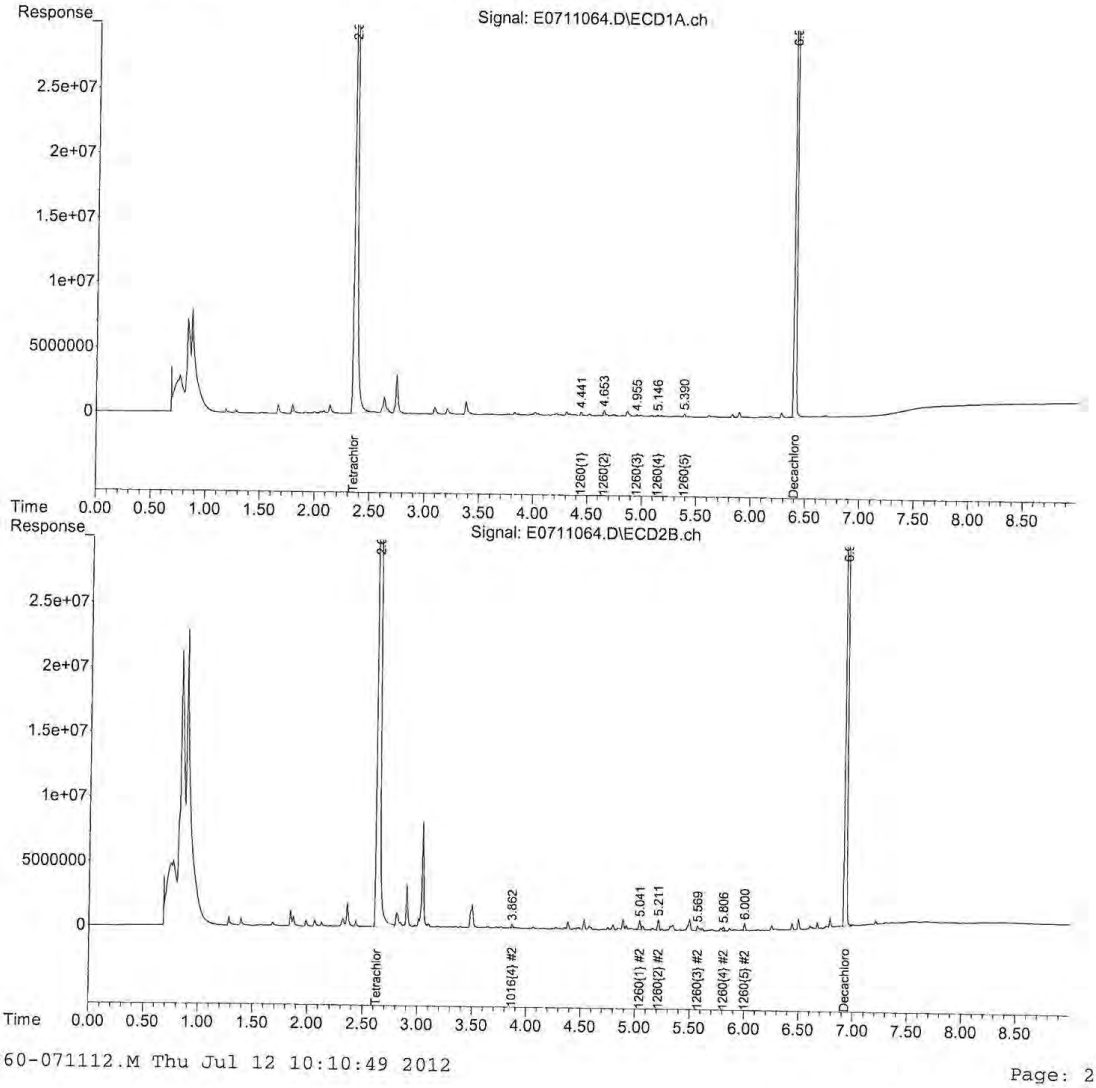
5-1260-071112.M Thu Jul 12 10:10:44 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 12:29 am
Operator :
Sample : 12G0086-37@5X Inst : ECD 5
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:51:00 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 :



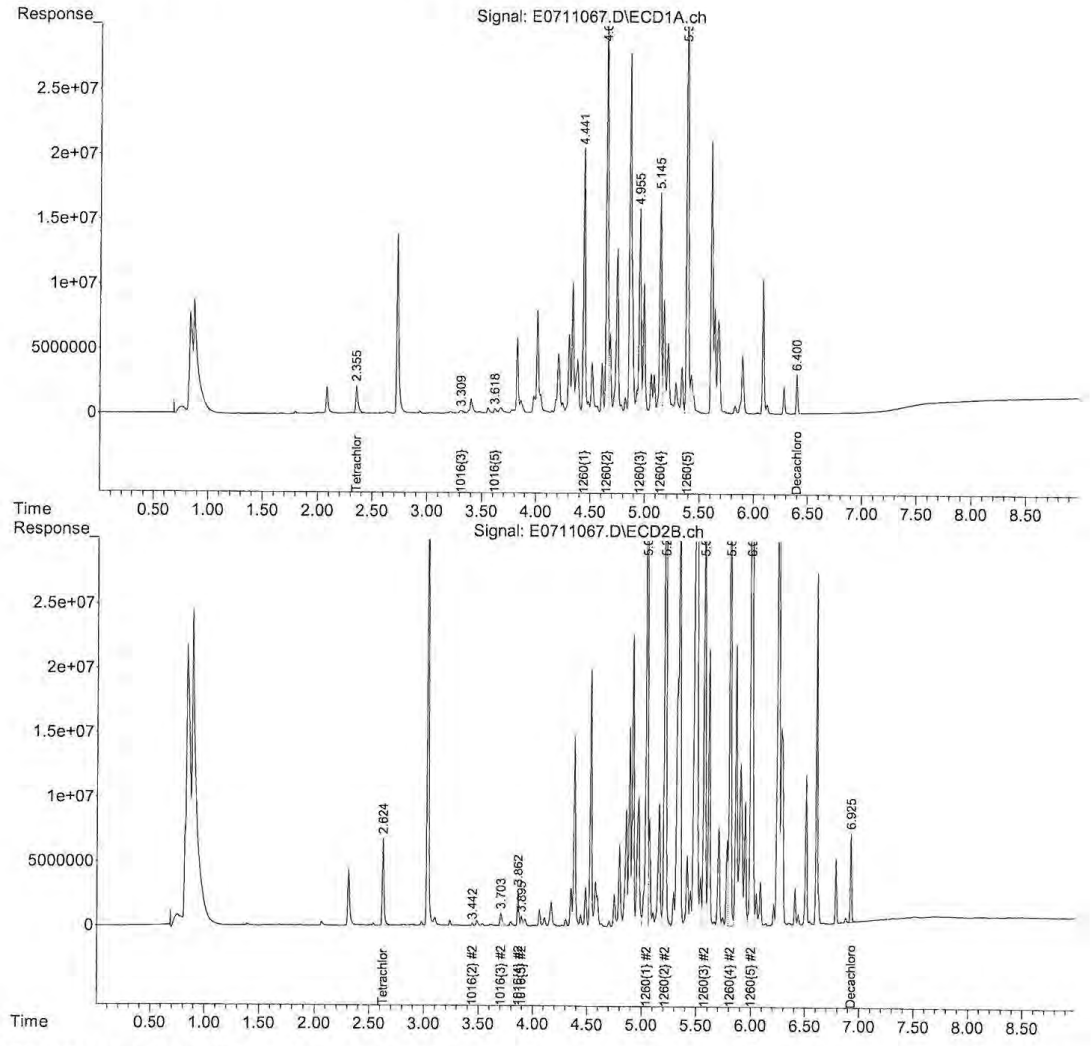
5-1260-071112.M Thu Jul 12 10:10:49 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 1:07 am
Operator :
Sample : 12G0086-38@200X Inst : ECD 5
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:51:16 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 :



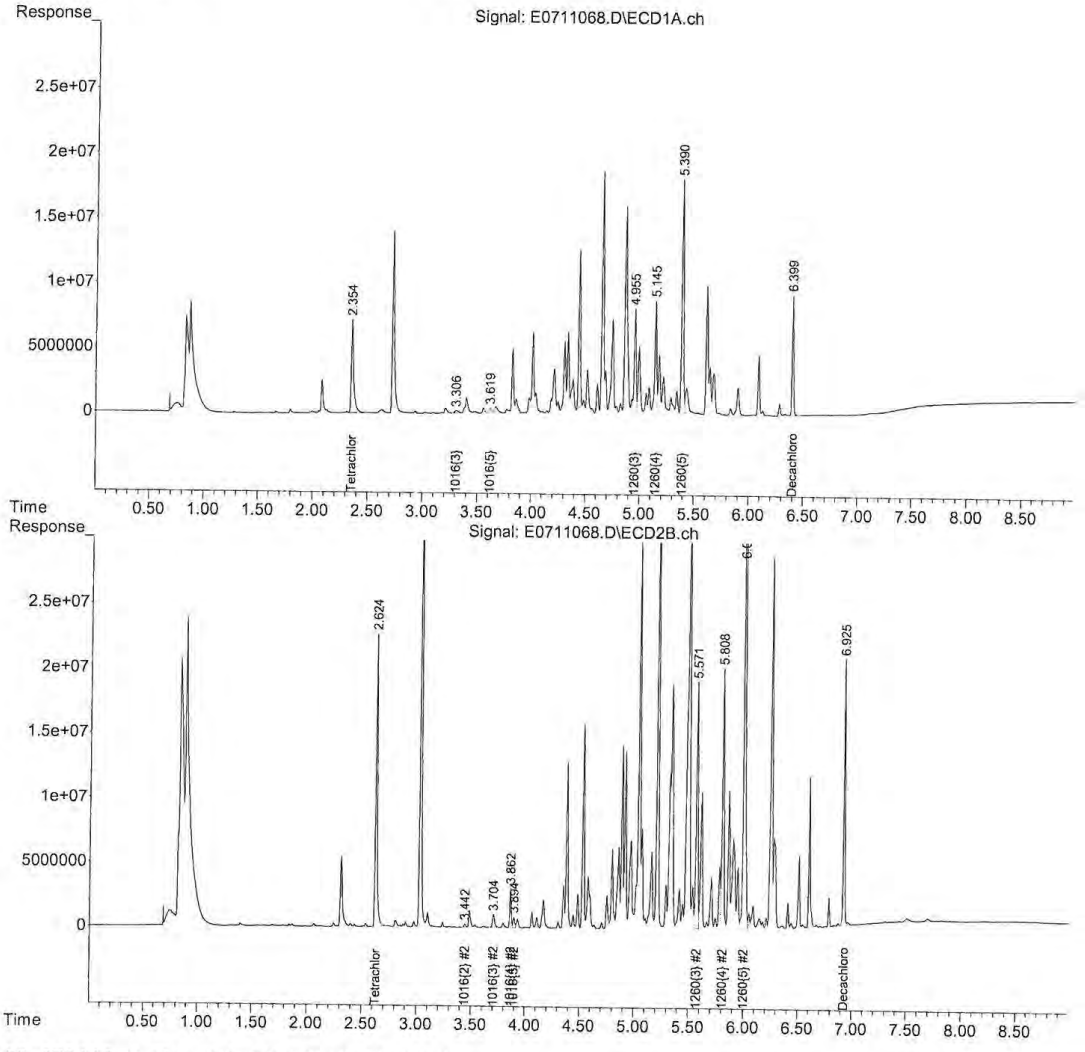
5-1260-071112.M Thu Jul 12 10:10:54 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 1:20 am
Operator :
Sample : 12G0086-39@50X Inst : ECD 5
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 09:49:18 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 :



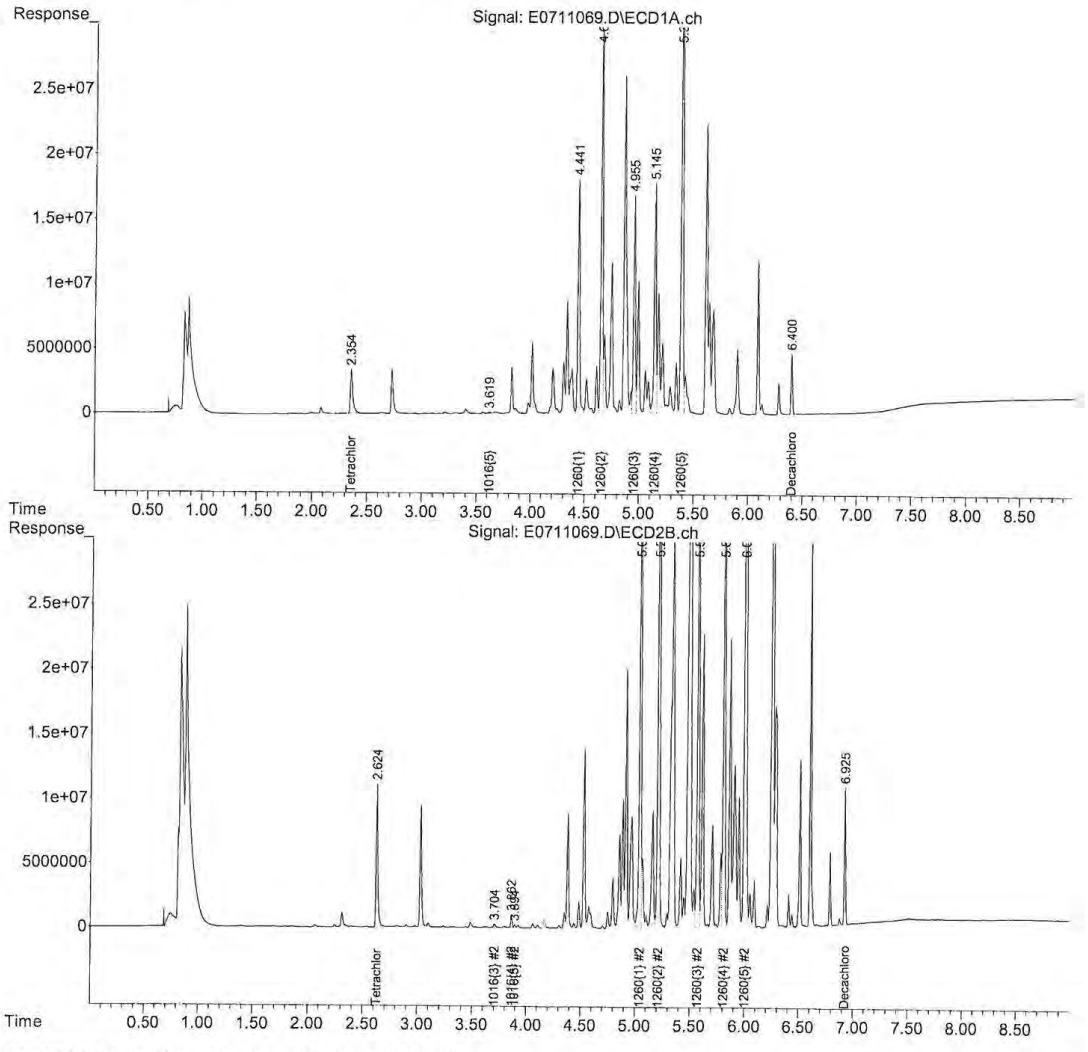
5-1260-071112.M Thu Jul 12 10:10:59 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\071112\
Data File : E0711069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2012 1:33 am
Operator :
Sample : 12G0086-40@100X Inst : ECD 5
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 12 08:51:26 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 10:11:04 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: 12G0086

Laboratory Sample ID(s):

12G0086-01 thru 12G0086-40

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
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July 31, 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: 12F1059

Enclosed are results of analyses for samples received by the laboratory on June 29, 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: 7/31/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F1059

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
C-17	12F1059-01	Soil		SM 2540G	
				SW-846 8082A	
C-18	12F1059-02	Soil		SM 2540G	
				SW-846 8082A	
C-19	12F1059-03	Soil		SM 2540G	
				SW-846 8082A	
C-20	12F1059-04	Soil		SM 2540G	
				SW-846 8082A	
C-21	12F1059-05	Soil		SM 2540G	
				SW-846 8082A	
C-22	12F1059-06	Soil		SM 2540G	
				SW-846 8082A	
C-23	12F1059-07	Soil		SM 2540G	
				SW-846 8082A	
C-24	12F1059-08	Soil		SM 2540G	
				SW-846 8082A	
C-25	12F1059-09	Soil		SM 2540G	
				SW-846 8082A	
C-26	12F1059-10	Soil		SM 2540G	
				SW-846 8082A	
C-27	12F1059-11	Soil		SM 2540G	
				SW-846 8082A	
C-28	12F1059-12	Soil		SM 2540G	
				SW-846 8082A	
C-29	12F1059-13	Soil		SM 2540G	
				SW-846 8082A	
DUP-1	12F1059-14	Soil		SM 2540G	
				SW-846 8082A	
DUP-2	12F1059-15	Soil		SM 2540G	
				SW-846 8082A	
DUP-3	12F1059-16	Soil		SM 2540G	
				SW-846 8082A	
B-13 (1.0-1.5)	12F1059-17	Soil		SM 2540G	
				SW-846 8082A	
B-13 (9.0-9.5)	12F1059-18	Soil		SM 2540G	
				SW-846 8082A	
B-14 (0.5-1.0)	12F1059-19	Soil		SM 2540G	
				SW-846 8082A	
B-14 (9.5-10.0)	12F1059-20	Soil		SM 2540G	
				SW-846 8082A	

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Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/31/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F1059

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
B-15-1 (1.0-1.5)	12F1059-21	Soil		SM 2540G	
				SW-846 8082A	
B-15-5 (9.5-10.0)	12F1059-22	Soil		SM 2540G	
				SW-846 8082A	
B-16-1 (1.5-2.0)	12F1059-23	Soil		SM 2540G	
				SW-846 8082A	
B-16-5 (9.5-10.0)	12F1059-24	Soil		SM 2540G	
				SW-846 8082A	
B-28-1 (0.5-1.0)	12F1059-25	Soil		SM 2540G	
				SW-846 8082A	
B-32-1 (0.0-0.5)	12F1059-27	Soil		SM 2540G	
				SW-846 8082A	
B-32-2 (2.0-2.5)	12F1059-28	Soil		SM 2540G	
				SW-846 8082A	
B-32-3 (4.0-4.5)	12F1059-29	Soil		SM 2540G	
				SW-846 8082A	
B-32-4 (6.0-6.5)	12F1059-30	Soil		SM 2540G	
				SW-846 8082A	
B-32-5 (8.0-8.5)	12F1059-31	Soil		SM 2540G	
				SW-846 8082A	
B-33-1 (0.0-0.5)	12F1059-32	Soil		SM 2540G	
				SW-846 8082A	
B-33-2 (2.0-2.5)	12F1059-33	Soil		SM 2540G	
				SW-846 8082A	
B-33-3 (4.0-4.5)	12F1059-34	Soil		SM 2540G	
				SW-846 8082A	
B-33-4 (6.0-6.5)	12F1059-35	Soil		SM 2540G	
				SW-846 8082A	
B-33-5 (8.0-8.5)	12F1059-36	Soil		SM 2540G	
				SW-846 8082A	
B-41-1 (0.0-0.5)	12F1059-37	Soil		SM 2540G	
				SW-846 8082A	
B-41-2 (2.0-2.5)	12F1059-38	Soil		SM 2540G	
				SW-846 8082A	
B-41-3 (4.0-4.5)	12F1059-39	Soil		SM 2540G	
				SW-846 8082A	
B-41-4 (6.0-6.5)	12F1059-40	Soil		SM 2540G	
				SW-846 8082A	
B-41-5 (8.0-8.5)	12F1059-41	Soil		SM 2540G	
				SW-846 8082A	

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Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/31/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F1059

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
B-42-1 (0.0-0.5)	12F1059-42	Soil		SM 2540G	
				SW-846 8082A	
B-42-2 (2.0-2.5)	12F1059-43	Soil		SM 2540G	
				SW-846 8082A	
B-42-3 (4.0-4.5)	12F1059-44	Soil		SM 2540G	
				SW-846 8082A	
B-42-4 (6.0-6.5)	12F1059-45	Soil		SM 2540G	
				SW-846 8082A	
B-42-5 (8.0-8.5)	12F1059-46	Soil		SM 2540G	
				SW-846 8082A	
B-43-1 (1.5-2.0)	12F1059-47	Soil		SM 2540G	
				SW-846 8082A	
B-43-2 (3.5-4.0)	12F1059-48	Soil		SM 2540G	
				SW-846 8082A	
B-43-3 (5.5-6.0)	12F1059-49	Soil		SM 2540G	
				SW-846 8082A	
B-43-4 (7.5-8.0)	12F1059-50	Soil		SM 2540G	
				SW-846 8082A	
B-43-5 (9.5-10.0)	12F1059-51	Soil		SM 2540G	
				SW-846 8082A	
B-46-1 (0.0-0.5)	12F1059-52	Soil		SM 2540G	
				SW-846 8082A	
B-46-2 (2.0-2.5)	12F1059-53	Soil		SM 2540G	
				SW-846 8082A	
B-46-3 (4.0-4.5)	12F1059-54	Soil		SM 2540G	
				SW-846 8082A	
B-46-4 (6.0-6.5)	12F1059-55	Soil		SM 2540G	
				SW-846 8082A	
B-46-5 (8.0-8.5)	12F1059-56	Soil		SM 2540G	
				SW-846 8082A	
B-56-1 (0.0-0.5)	12F1059-57	Soil		SM 2540G	
				SW-846 8082A	
B-56-2 (2.0-2.5)	12F1059-58	Soil		SM 2540G	
				SW-846 8082A	
B-56-3 (4.0-4.5)	12F1059-59	Soil		SM 2540G	
				SW-846 8082A	
B-56-4 (6.0-6.5)	12F1059-60	Soil		SM 2540G	
				SW-846 8082A	
B-57-1 (1.0-1.5)	12F1059-62	Soil		SM 2540G	
				SW-846 8082A	

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REPORT DATE: 7/31/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F1059

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
B-57-2 (3.0-3.5)	12F1059-63	Soil		SM 2540G	
				SW-846 8082A	
B-57-3 (5.0-5.5)	12F1059-64	Soil		SM 2540G	
				SW-846 8082A	
B-57-4 (7.0-7.5)	12F1059-65	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.

REVISED REPORT: 7/31/12: Sample ID for 12F1059-08 changed from C-23 to C-24.

SW-846 8082A

Qualifications:

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]

12F1059-01[C-17], B054456-MS1, B054456-MSD1

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]

B054544-MS1, B054544-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], Aroclor-1260, Aroclor-1260 [2C]

B054544-MS1, B054544-MSD1, B054545-MS1, B054545-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]

12F1059-09[C-25], 12F1059-15[DUP-2], 12F1059-17[B-13 (1.0-1.5)], 12F1059-19[B-14 (0.5-1.0)], 12F1059-21[B-15-1 (1.0-1.5)], 12F1059-23[B-16-1 (1.5-2.0)], 12F1059-25[B-28-1 (0.5-1.0)], 12F1059-27[B-32-1 (0.0-0.5)], 12F1059-37[B-41-1 (0.0-0.5)], 12F1059-43[B-42-2 (2.0-2.5)], 12F1059-44[B-42-3 (4.0-4.5)], 12F1059-48[B-43-2 (3.5-4.0)], 12F1059-57[B-56-1 (0.0-0.5)], 12F1059-58[B-56-2 (2.0-2.5)], 12F1059-59[B-56-3 (4.0-4.5)], 12F1059-60[B-56-4 (6.0-6.5)], 12F1059-62[B-57-1 (1.0-1.5)]

Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.

Analyte & Samples(s) Qualified:

Aroclor-1254 [2C], Aroclor-1260 [2C]

12F1059-37[B-41-1 (0.0-0.5)]

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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.



James M. Georgantas
Project Chemist

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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: 12F1059

Date Received: 6/29/2012

Field Sample #: C-17 Sampled: 6/29/2012 14:52

Sample ID: 12F1059-01

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	7/3/12	7/5/12 16:42	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1260 [2]	0.27	0.12	mg/Kg dry	5	MS-07A	SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/5/12 16:42
Decachlorobiphenyl [2]	90.1	30-150		7/5/12 16:42
Tetrachloro-m-xylene [1]	88.7	30-150		7/5/12 16:42
Tetrachloro-m-xylene [2]	92.6	30-150		7/5/12 16:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-17 Sampled: 6/29/2012 14:52

Sample ID: 12F1059-01

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	85.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-18 Sampled: 6/29/2012 14:56

Sample ID: 12F1059-02

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	7/3/12	7/5/12 16:55	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 16:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/5/12 16:55
Decachlorobiphenyl [2]	93.9	30-150		7/5/12 16:55
Tetrachloro-m-xylene [1]	93.6	30-150		7/5/12 16:55
Tetrachloro-m-xylene [2]	98.1	30-150		7/5/12 16:55

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-18 Sampled: 6/29/2012 14:56

Sample ID: 12F1059-02

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-19 Sampled: 6/29/2012 15:00

Sample ID: 12F1059-03

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	7/3/12	7/5/12 17:08	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:08	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		7/5/12 17:08
Decachlorobiphenyl [2]	106	30-150		7/5/12 17:08
Tetrachloro-m-xylene [1]	96.8	30-150		7/5/12 17:08
Tetrachloro-m-xylene [2]	101	30-150		7/5/12 17:08

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-19 Sampled: 6/29/2012 15:00

Sample ID: 12F1059-03

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	88.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-20 Sampled: 6/29/2012 15:05

Sample ID: 12F1059-04

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	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1254 [2]	0.82	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1260 [2]	2.6	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	131	30-150		7/6/12 8:34
Decachlorobiphenyl [2]	118	30-150		7/6/12 8:34
Tetrachloro-m-xylene [1]	91.9	30-150		7/6/12 8:34
Tetrachloro-m-xylene [2]	97.3	30-150		7/6/12 8:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-20 Sampled: 6/29/2012 15:05

Sample ID: 12F1059-04

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	87.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-21 Sampled: 6/29/2012 15:09

Sample ID: 12F1059-05

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	7/3/12	7/5/12 17:34	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/5/12 17:34
Decachlorobiphenyl [2]	95.2	30-150		7/5/12 17:34
Tetrachloro-m-xylene [1]	86.6	30-150		7/5/12 17:34
Tetrachloro-m-xylene [2]	90.4	30-150		7/5/12 17:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-21 Sampled: 6/29/2012 15:09

Sample ID: 12F1059-05

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	87.6		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-22 Sampled: 6/29/2012 15:30

Sample ID: 12F1059-06

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	7/3/12	7/5/12 17:47	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1254 [1]	0.24	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1260 [2]	0.87	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 17:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/5/12 17:47
Decachlorobiphenyl [2]	94.9	30-150		7/5/12 17:47
Tetrachloro-m-xylene [1]	89.7	30-150		7/5/12 17:47
Tetrachloro-m-xylene [2]	92.1	30-150		7/5/12 17:47

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-22 Sampled: 6/29/2012 15:30

Sample ID: 12F1059-06

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	81.3		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-23 Sampled: 6/29/2012 15:33

Sample ID: 12F1059-07

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	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1254 [2]	2.4	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1260 [1]	4.0	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	7/3/12	7/6/12 8:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag				
Decachlorobiphenyl [1]	120	30-150				7/6/12 8:47	
Decachlorobiphenyl [2]	109	30-150				7/6/12 8:47	
Tetrachloro-m-xylene [1]	84.9	30-150				7/6/12 8:47	
Tetrachloro-m-xylene [2]	92.0	30-150				7/6/12 8:47	

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-23 Sampled: 6/29/2012 15:33

Sample ID: 12F1059-07

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	89.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-24 Sampled: 6/29/2012 15:35

Sample ID: 12F1059-08

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	7/3/12	7/5/12 18:13	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 18:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/5/12 18:13
Decachlorobiphenyl [2]	92.1	30-150		7/5/12 18:13
Tetrachloro-m-xylene [1]	84.5	30-150		7/5/12 18:13
Tetrachloro-m-xylene [2]	88.0	30-150		7/5/12 18:13

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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: 12F1059

Date Received: 6/29/2012

Field Sample #: C-24 Sampled: 6/29/2012 15:35

Sample ID: 12F1059-08

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	86.6		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-25 Sampled: 6/29/2012 15:40

Sample ID: 12F1059-09

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	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1254 [2]	3.8	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1260 [1]	10	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/3/12	7/6/12 9:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 9:00
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 9:00
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 9:00
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 9:00

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-25 Sampled: 6/29/2012 15:40

Sample ID: 12F1059-09

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	82.8		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-26 Sampled: 6/29/2012 15:45

Sample ID: 12F1059-10

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	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1254 [2]	0.52	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1260 [1]	0.79	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:05	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/5/12 19:05
Decachlorobiphenyl [2]	94.7	30-150		7/5/12 19:05
Tetrachloro-m-xylene [1]	89.0	30-150		7/5/12 19:05
Tetrachloro-m-xylene [2]	92.8	30-150		7/5/12 19:05

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-26 Sampled: 6/29/2012 15:45

Sample ID: 12F1059-10

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-27 Sampled: 6/29/2012 15:50

Sample ID: 12F1059-11

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	7/3/12	7/5/12 19:18	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:18	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/5/12 19:18
Decachlorobiphenyl [2]	95.0	30-150		7/5/12 19:18
Tetrachloro-m-xylene [1]	87.1	30-150		7/5/12 19:18
Tetrachloro-m-xylene [2]	90.6	30-150		7/5/12 19:18

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-27 Sampled: 6/29/2012 15:50

Sample ID: 12F1059-11

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	88.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-28 Sampled: 6/29/2012 16:03

Sample ID: 12F1059-12

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	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1254 [2]	0.72	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1260 [1]	2.0	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	10		SW-846 8082A	7/3/12	7/6/12 9:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		7/6/12 9:13
Decachlorobiphenyl [2]	102	30-150		7/6/12 9:13
Tetrachloro-m-xylene [1]	87.6	30-150		7/6/12 9:13
Tetrachloro-m-xylene [2]	92.5	30-150		7/6/12 9:13

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-28 Sampled: 6/29/2012 16:03

Sample ID: 12F1059-12

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	83.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-29 Sampled: 6/29/2012 16:08

Sample ID: 12F1059-13

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	7/3/12	7/5/12 19:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		7/5/12 19:44
Decachlorobiphenyl [2]	111	30-150		7/5/12 19:44
Tetrachloro-m-xylene [1]	101	30-150		7/5/12 19:44
Tetrachloro-m-xylene [2]	105	30-150		7/5/12 19:44

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: C-29 Sampled: 6/29/2012 16:08

Sample ID: 12F1059-13

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	89.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: DUP-1 Sampled: 6/29/2012 00:00

Sample ID: 12F1059-14

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	7/3/12	7/5/12 19:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 19:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.5	30-150		7/5/12 19:57
Decachlorobiphenyl [2]	87.8	30-150		7/5/12 19:57
Tetrachloro-m-xylene [1]	82.5	30-150		7/5/12 19:57
Tetrachloro-m-xylene [2]	86.0	30-150		7/5/12 19:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: DUP-1 Sampled: 6/29/2012 00:00

Sample ID: 12F1059-14

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	89.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

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

Sample ID: 12F1059-15

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	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1221 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1232 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1242 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1248 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1254 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1260 [2]	9.2	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1262 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC
Aroclor-1268 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	7/3/12	7/6/12 9:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 9:26
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 9:26
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 9:26
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 9:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

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

Sample ID: 12F1059-15

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	82.3		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: DUP-3 Sampled: 6/28/2012 00:00

Sample ID: 12F1059-16

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	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:22	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	112	30-150		7/5/12 20:22
Decachlorobiphenyl [2]	102	30-150		7/5/12 20:22
Tetrachloro-m-xylene [1]	92.3	30-150		7/5/12 20:22
Tetrachloro-m-xylene [2]	96.4	30-150		7/5/12 20:22

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: DUP-3 Sampled: 6/28/2012 00:00

Sample ID: 12F1059-16

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	90.3		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-13 (1.0-1.5) Sampled: 6/26/2012 15:10

Sample ID: 12F1059-17

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	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1221 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1232 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1242 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1248 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1254 [2]	7.9	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1260 [2]	16	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1262 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC
Aroclor-1268 [1]	ND	2.2	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 9:39
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 9:39
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 9:39
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 9:39

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-13 (1.0-1.5) Sampled: 6/26/2012 15:10

Sample ID: 12F1059-17

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	86.6		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-13 (9.0-9.5) Sampled: 6/26/2012 15:18

Sample ID: 12F1059-18

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	7/3/12	7/5/12 20:48	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 20:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.7	30-150		7/5/12 20:48
Decachlorobiphenyl [2]	93.0	30-150		7/5/12 20:48
Tetrachloro-m-xylene [1]	80.4	30-150		7/5/12 20:48
Tetrachloro-m-xylene [2]	83.8	30-150		7/5/12 20:48

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-13 (9.0-9.5) Sampled: 6/26/2012 15:18

Sample ID: 12F1059-18

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	88.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-14 (0.5-1.0) Sampled: 6/26/2012 15:20

Sample ID: 12F1059-19

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	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1254 [2]	6.8	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1260 [1]	20	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/3/12	7/6/12 9:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 9:52
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 9:52
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 9:52
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 9:52

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-14 (0.5-1.0) Sampled: 6/26/2012 15:20

Sample ID: 12F1059-19

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	82.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-14 (9.5-10.0) Sampled: 6/26/2012 15:28

Sample ID: 12F1059-20

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	7/3/12	7/5/12 21:14	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/3/12	7/5/12 21:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.6	30-150		7/5/12 21:14
Decachlorobiphenyl [2]	86.5	30-150		7/5/12 21:14
Tetrachloro-m-xylene [1]	81.3	30-150		7/5/12 21:14
Tetrachloro-m-xylene [2]	85.0	30-150		7/5/12 21:14

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-14 (9.5-10.0) Sampled: 6/26/2012 15:28

Sample ID: 12F1059-20

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	88.8		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-15-1 (1.0-1.5) Sampled: 6/27/2012 08:22

Sample ID: 12F1059-21

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	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1254 [2]	4.3	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1260 [2]	7.7	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 20:10
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 20:10
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 20:10
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 20:10

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-15-1 (1.0-1.5) Sampled: 6/27/2012 08:22

Sample ID: 12F1059-21

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	83.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-15-5 (9.5-10.0) Sampled: 6/27/2012 08:46

Sample ID: 12F1059-22

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	7/5/12	7/6/12 14:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1254 [1]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 14:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/6/12 14:36
Decachlorobiphenyl [2]	129	30-150		7/6/12 14:36
Tetrachloro-m-xylene [1]	118	30-150		7/6/12 14:36
Tetrachloro-m-xylene [2]	115	30-150		7/6/12 14:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-15-5 (9.5-10.0) Sampled: 6/27/2012 08:46

Sample ID: 12F1059-22

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	90.0		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-16-1 (1.5-2.0) Sampled: 6/27/2012 09:45

Sample ID: 12F1059-23

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	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1221 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1232 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1242 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1248 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1254 [2]	21	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1260 [2]	42	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1262 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC
Aroclor-1268 [1]	ND	6.0	mg/Kg dry	250		SW-846 8082A	7/5/12	7/6/12 20:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 20:23
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 20:23
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 20:23
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 20:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-16-1 (1.5-2.0) Sampled: 6/27/2012 09:45

Sample ID: 12F1059-23

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	81.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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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: 12F1059

Date Received: 6/29/2012

Field Sample #: B-16-5 (9.5-10.0) Sampled: 6/27/2012 09:52

Sample ID: 12F1059-24

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	7/5/12	7/6/12 15:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1254 [2]	0.52	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1260 [2]	1.0	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/6/12 15:01
Decachlorobiphenyl [2]	123	30-150		7/6/12 15:01
Tetrachloro-m-xylene [1]	108	30-150		7/6/12 15:01
Tetrachloro-m-xylene [2]	104	30-150		7/6/12 15:01

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-16-5 (9.5-10.0) Sampled: 6/27/2012 09:52

Sample ID: 12F1059-24

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	89.7		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-28-1 (0.5-1.0) Sampled: 6/27/2012 10:30

Sample ID: 12F1059-25

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	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1254 [2]	11	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1260 [2]	23	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/6/12 20:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 20:36
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 20:36
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 20:36
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 20:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-28-1 (0.5-1.0) Sampled: 6/27/2012 10:30

Sample ID: 12F1059-25

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	84.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-1 (0.0-0.5) Sampled: 6/28/2012 13:10

Sample ID: 12F1059-27

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	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1254 [2]	3.8	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1260 [2]	10	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/6/12 20:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/6/12 20:49
Decachlorobiphenyl [2]	*	30-150	S-01	7/6/12 20:49
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/6/12 20:49
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/6/12 20:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-1 (0.0-0.5) Sampled: 6/28/2012 13:10

Sample ID: 12F1059-27

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	85.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-2 (2.0-2.5) Sampled: 6/28/2012 13:12

Sample ID: 12F1059-28

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	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1254 [2]	1.3	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1260 [2]	3.3	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	7/5/12	7/6/12 21:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/6/12 21:02
Decachlorobiphenyl [2]	138	30-150		7/6/12 21:02
Tetrachloro-m-xylene [1]	119	30-150		7/6/12 21:02
Tetrachloro-m-xylene [2]	112	30-150		7/6/12 21:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-2 (2.0-2.5) Sampled: 6/28/2012 13:12

Sample ID: 12F1059-28

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	84.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-3 (4.0-4.5) Sampled: 6/28/2012 13:14

Sample ID: 12F1059-29

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	7/5/12	7/6/12 15:53	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 15:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.1	30-150		7/6/12 15:53
Decachlorobiphenyl [2]	115	30-150		7/6/12 15:53
Tetrachloro-m-xylene [1]	111	30-150		7/6/12 15:53
Tetrachloro-m-xylene [2]	106	30-150		7/6/12 15:53

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-3 (4.0-4.5) Sampled: 6/28/2012 13:14

Sample ID: 12F1059-29

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	84.2		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-4 (6.0-6.5) Sampled: 6/28/2012 13:16

Sample ID: 12F1059-30

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	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/6/12 16:06
Decachlorobiphenyl [2]	125	30-150		7/6/12 16:06
Tetrachloro-m-xylene [1]	118	30-150		7/6/12 16:06
Tetrachloro-m-xylene [2]	114	30-150		7/6/12 16:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-4 (6.0-6.5) Sampled: 6/28/2012 13:16

Sample ID: 12F1059-30

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	87.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-5 (8.0-8.5) Sampled: 6/28/2012 13:18

Sample ID: 12F1059-31

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	7/5/12	7/6/12 16:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 16:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/6/12 16:57
Decachlorobiphenyl [2]	123	30-150		7/6/12 16:57
Tetrachloro-m-xylene [1]	112	30-150		7/6/12 16:57
Tetrachloro-m-xylene [2]	107	30-150		7/6/12 16:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-32-5 (8.0-8.5) Sampled: 6/28/2012 13:18

Sample ID: 12F1059-31

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	89.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-1 (0.0-0.5) Sampled: 6/28/2012 13:00

Sample ID: 12F1059-32

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	7/5/12	7/6/12 17:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		7/6/12 17:10
Decachlorobiphenyl [2]	112	30-150		7/6/12 17:10
Tetrachloro-m-xylene [1]	111	30-150		7/6/12 17:10
Tetrachloro-m-xylene [2]	107	30-150		7/6/12 17:10

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-1 (0.0-0.5) Sampled: 6/28/2012 13:00

Sample ID: 12F1059-32

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	89.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-2 (2.0-2.5) Sampled: 6/28/2012 13:02

Sample ID: 12F1059-33

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	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1254 [2]	0.22	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1260 [2]	0.51	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.6	30-150		7/6/12 17:23
Decachlorobiphenyl [2]	113	30-150		7/6/12 17:23
Tetrachloro-m-xylene [1]	109	30-150		7/6/12 17:23
Tetrachloro-m-xylene [2]	106	30-150		7/6/12 17:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-2 (2.0-2.5) Sampled: 6/28/2012 13:02

Sample ID: 12F1059-33

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	75.0		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-3 (4.0-4.5) Sampled: 6/28/2012 13:04

Sample ID: 12F1059-34

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	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1260 [2]	0.13	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/6/12 17:36
Decachlorobiphenyl [2]	122	30-150		7/6/12 17:36
Tetrachloro-m-xylene [1]	116	30-150		7/6/12 17:36
Tetrachloro-m-xylene [2]	112	30-150		7/6/12 17:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-3 (4.0-4.5) Sampled: 6/28/2012 13:04

Sample ID: 12F1059-34

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	86.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-4 (6.0-6.5) Sampled: 6/28/2012 13:06

Sample ID: 12F1059-35

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	7/5/12	7/6/12 17:49	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 17:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/6/12 17:49
Decachlorobiphenyl [2]	121	30-150		7/6/12 17:49
Tetrachloro-m-xylene [1]	114	30-150		7/6/12 17:49
Tetrachloro-m-xylene [2]	109	30-150		7/6/12 17:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-4 (6.0-6.5) Sampled: 6/28/2012 13:06

Sample ID: 12F1059-35

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	85.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-5 (8.0-8.5) Sampled: 6/28/2012 13:08

Sample ID: 12F1059-36

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	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.4	30-150		7/6/12 18:02
Decachlorobiphenyl [2]	119	30-150		7/6/12 18:02
Tetrachloro-m-xylene [1]	108	30-150		7/6/12 18:02
Tetrachloro-m-xylene [2]	104	30-150		7/6/12 18:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-33-5 (8.0-8.5) Sampled: 6/28/2012 13:08

Sample ID: 12F1059-36

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	86.2		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-1 (0.0-0.5) Sampled: 6/28/2012 13:20

Sample ID: 12F1059-37

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	7/5/12	7/7/12 5:47	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1254 [2]	4.4	1.1	mg/Kg dry	50	V-24	SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1260 [2]	11	1.1	mg/Kg dry	50	V-24	SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 5:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 5:47
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 5:47
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 5:47
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 5:47

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-1 (0.0-0.5) Sampled: 6/28/2012 13:20

Sample ID: 12F1059-37

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	88.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-2 (2.0-2.5) Sampled: 6/28/2012 13:22

Sample ID: 12F1059-38

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	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1260 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.9	30-150		7/6/12 18:28
Decachlorobiphenyl [2]	120	30-150		7/6/12 18:28
Tetrachloro-m-xylene [1]	110	30-150		7/6/12 18:28
Tetrachloro-m-xylene [2]	106	30-150		7/6/12 18:28

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-2 (2.0-2.5) Sampled: 6/28/2012 13:22

Sample ID: 12F1059-38

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	87.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-3 (4.0-4.5) Sampled: 6/28/2012 13:24

Sample ID: 12F1059-39

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	7/5/12	7/6/12 18:40	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.4	30-150		7/6/12 18:40
Decachlorobiphenyl [2]	117	30-150		7/6/12 18:40
Tetrachloro-m-xylene [1]	107	30-150		7/6/12 18:40
Tetrachloro-m-xylene [2]	103	30-150		7/6/12 18:40

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-3 (4.0-4.5) Sampled: 6/28/2012 13:24

Sample ID: 12F1059-39

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	90.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-4 (6.0-6.5) Sampled: 6/28/2012 13:26

Sample ID: 12F1059-40

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	7/5/12	7/6/12 18:53	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 18:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		7/6/12 18:53
Decachlorobiphenyl [2]	125	30-150		7/6/12 18:53
Tetrachloro-m-xylene [1]	116	30-150		7/6/12 18:53
Tetrachloro-m-xylene [2]	113	30-150		7/6/12 18:53

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-4 (6.0-6.5) Sampled: 6/28/2012 13:26

Sample ID: 12F1059-40

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	89.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-5 (8.0-8.5) Sampled: 6/28/2012 13:28

Sample ID: 12F1059-41

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	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/6/12 19:06
Decachlorobiphenyl [2]	122	30-150		7/6/12 19:06
Tetrachloro-m-xylene [1]	113	30-150		7/6/12 19:06
Tetrachloro-m-xylene [2]	109	30-150		7/6/12 19:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-41-5 (8.0-8.5) Sampled: 6/28/2012 13:28

Sample ID: 12F1059-41

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	87.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-1 (0.0-0.5) Sampled: 6/28/2012 12:30

Sample ID: 12F1059-42

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	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1254 [2]	1.5	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1260 [2]	3.6	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 8:31	JMB

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	105	30-150			7/7/12 8:31
Decachlorobiphenyl [2]	105	30-150			7/7/12 8:31
Tetrachloro-m-xylene [1]	97.9	30-150			7/7/12 8:31
Tetrachloro-m-xylene [2]	91.4	30-150			7/7/12 8:31

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-1 (0.0-0.5) Sampled: 6/28/2012 12:30

Sample ID: 12F1059-42

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	90.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-2 (2.0-2.5) Sampled: 6/28/2012 12:32

Sample ID: 12F1059-43

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	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1221 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1232 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1242 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1248 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1254 [2]	5.8	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1260 [2]	16	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1262 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB
Aroclor-1268 [1]	ND	2.7	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 8:43	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 8:43
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 8:43
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 8:43
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 8:43

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-2 (2.0-2.5) Sampled: 6/28/2012 12:32

Sample ID: 12F1059-43

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	72.5		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-3 (4.0-4.5) Sampled: 6/28/2012 12:34

Sample ID: 12F1059-44

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	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1254 [1]	9.2	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1260 [2]	9.8	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 8:56	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 8:56
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 8:56
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 8:56
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 8:56

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-3 (4.0-4.5) Sampled: 6/28/2012 12:34

Sample ID: 12F1059-44

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	79.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-4 (6.0-6.5) Sampled: 6/28/2012 12:36

Sample ID: 12F1059-45

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	7/6/12 19:00	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1254 [1]	0.22	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1260 [2]	0.21	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		7/6/12 19:00
Decachlorobiphenyl [2]	106	30-150		7/6/12 19:00
Tetrachloro-m-xylene [1]	104	30-150		7/6/12 19:00
Tetrachloro-m-xylene [2]	98.3	30-150		7/6/12 19:00

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-4 (6.0-6.5) Sampled: 6/28/2012 12:36

Sample ID: 12F1059-45

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-5 (8.0-8.5) Sampled: 6/28/2012 12:38

Sample ID: 12F1059-46

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	7/6/12 19:13	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/6/12 19:13
Decachlorobiphenyl [2]	98.4	30-150		7/6/12 19:13
Tetrachloro-m-xylene [1]	96.4	30-150		7/6/12 19:13
Tetrachloro-m-xylene [2]	91.2	30-150		7/6/12 19:13

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-42-5 (8.0-8.5) Sampled: 6/28/2012 12:38

Sample ID: 12F1059-46

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-1 (1.5-2.0) Sampled: 6/28/2012 12:20

Sample ID: 12F1059-47

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	7/6/12 19:25	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		7/6/12 19:25
Decachlorobiphenyl [2]	98.9	30-150		7/6/12 19:25
Tetrachloro-m-xylene [1]	106	30-150		7/6/12 19:25
Tetrachloro-m-xylene [2]	101	30-150		7/6/12 19:25

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-1 (1.5-2.0) Sampled: 6/28/2012 12:20

Sample ID: 12F1059-47

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-2 (3.5-4.0) Sampled: 6/28/2012 12:22

Sample ID: 12F1059-48

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	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1221 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1232 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1242 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1248 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1254 [1]	9.5	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1260 [1]	16	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1262 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB
Aroclor-1268 [1]	ND	2.5	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:08	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 9:08
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 9:08
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 9:08
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 9:08

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-2 (3.5-4.0) Sampled: 6/28/2012 12:22

Sample ID: 12F1059-48

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	78.7		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-3 (5.5-6.0) Sampled: 6/28/2012 12:24

Sample ID: 12F1059-49

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	7/6/12 19:50	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1254 [2]	0.17	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1260 [2]	0.20	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 19:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/6/12 19:50
Decachlorobiphenyl [2]	107	30-150		7/6/12 19:50
Tetrachloro-m-xylene [1]	106	30-150		7/6/12 19:50
Tetrachloro-m-xylene [2]	100	30-150		7/6/12 19:50

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-3 (5.5-6.0) Sampled: 6/28/2012 12:24

Sample ID: 12F1059-49

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	81.3		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-4 (7.5-8.0) Sampled: 6/28/2012 12:26

Sample ID: 12F1059-50

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	7/6/12 20:02	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/6/12 20:02
Decachlorobiphenyl [2]	99.2	30-150		7/6/12 20:02
Tetrachloro-m-xylene [1]	93.8	30-150		7/6/12 20:02
Tetrachloro-m-xylene [2]	88.5	30-150		7/6/12 20:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-4 (7.5-8.0) Sampled: 6/28/2012 12:26

Sample ID: 12F1059-50

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	91.7		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-5 (9.5-10.0) Sampled: 6/28/2012 12:28

Sample ID: 12F1059-51

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	7/6/12 20:40	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 20:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/6/12 20:40
Decachlorobiphenyl [2]	99.9	30-150		7/6/12 20:40
Tetrachloro-m-xylene [1]	99.2	30-150		7/6/12 20:40
Tetrachloro-m-xylene [2]	93.0	30-150		7/6/12 20:40

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-43-5 (9.5-10.0) Sampled: 6/28/2012 12:28

Sample ID: 12F1059-51

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-1 (0.0-0.5) Sampled: 6/28/2012 13:30

Sample ID: 12F1059-52

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	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1254 [2]	1.6	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1260 [2]	3.8	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	7/5/12	7/7/12 9:20	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		7/7/12 9:20
Decachlorobiphenyl [2]	113	30-150		7/7/12 9:20
Tetrachloro-m-xylene [1]	104	30-150		7/7/12 9:20
Tetrachloro-m-xylene [2]	94.1	30-150		7/7/12 9:20

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-1 (0.0-0.5) Sampled: 6/28/2012 13:30

Sample ID: 12F1059-52

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-2 (2.0-2.5) Sampled: 6/28/2012 13:45

Sample ID: 12F1059-53

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	7/6/12 21:04	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		7/6/12 21:04
Decachlorobiphenyl [2]	104	30-150		7/6/12 21:04
Tetrachloro-m-xylene [1]	98.2	30-150		7/6/12 21:04
Tetrachloro-m-xylene [2]	92.5	30-150		7/6/12 21:04

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-2 (2.0-2.5) Sampled: 6/28/2012 13:45

Sample ID: 12F1059-53

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-3 (4.0-4.5) Sampled: 6/28/2012 14:00

Sample ID: 12F1059-54

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	7/6/12 21:17	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:17	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		7/6/12 21:17
Decachlorobiphenyl [2]	103	30-150		7/6/12 21:17
Tetrachloro-m-xylene [1]	95.5	30-150		7/6/12 21:17
Tetrachloro-m-xylene [2]	89.5	30-150		7/6/12 21:17

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-3 (4.0-4.5) Sampled: 6/28/2012 14:00

Sample ID: 12F1059-54

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	91.7		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-4 (6.0-6.5) Sampled: 6/28/2012 14:15

Sample ID: 12F1059-55

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	7/6/12 21:29	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/6/12 21:29
Decachlorobiphenyl [2]	101	30-150		7/6/12 21:29
Tetrachloro-m-xylene [1]	99.2	30-150		7/6/12 21:29
Tetrachloro-m-xylene [2]	93.1	30-150		7/6/12 21:29

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-4 (6.0-6.5) Sampled: 6/28/2012 14:15

Sample ID: 12F1059-55

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	91.4		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-5 (8.0-8.5) Sampled: 6/28/2012 14:30

Sample ID: 12F1059-56

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	7/6/12 21:42	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/6/12 21:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/6/12 21:42
Decachlorobiphenyl [2]	100	30-150		7/6/12 21:42
Tetrachloro-m-xylene [1]	94.7	30-150		7/6/12 21:42
Tetrachloro-m-xylene [2]	88.6	30-150		7/6/12 21:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-46-5 (8.0-8.5) Sampled: 6/28/2012 14:30

Sample ID: 12F1059-56

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-1 (0.0-0.5) Sampled: 6/28/2012 14:40

Sample ID: 12F1059-57

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	7/5/12	7/8/12 5:42	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1254 [2]	2.2	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1260 [2]	6.3	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/5/12	7/8/12 5:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/8/12 5:42
Decachlorobiphenyl [2]	*	30-150	S-01	7/8/12 5:42
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/8/12 5:42
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/8/12 5:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-1 (0.0-0.5) Sampled: 6/28/2012 14:40

Sample ID: 12F1059-57

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-2 (2.0-2.5) Sampled: 6/28/2012 14:50

Sample ID: 12F1059-58

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	7/5/12	7/7/12 9:45	JMB
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1254 [1]	11	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1260 [2]	15	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/5/12	7/7/12 9:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 9:45
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 9:45
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 9:45
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 9:45

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-2 (2.0-2.5) Sampled: 6/28/2012 14:50

Sample ID: 12F1059-58

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-3 (4.0-4.5) Sampled: 6/28/2012 15:00

Sample ID: 12F1059-59

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	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1221 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1232 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1242 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1248 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1254 [1]	21	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1260 [2]	58	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1262 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB
Aroclor-1268 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/5/12	7/7/12 9:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 9:58
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 9:58
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 9:58
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 9:58

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-3 (4.0-4.5) Sampled: 6/28/2012 15:00

Sample ID: 12F1059-59

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-4 (6.0-6.5) Sampled: 6/28/2012 15:10

Sample ID: 12F1059-60

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	7/5/12	7/8/12 5:54	JMB
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1254 [1]	5.5	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1260 [1]	15	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	7/5/12	7/8/12 5:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/8/12 5:54
Decachlorobiphenyl [2]	*	30-150	S-01	7/8/12 5:54
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/8/12 5:54
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/8/12 5:54

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-56-4 (6.0-6.5) Sampled: 6/28/2012 15:10

Sample ID: 12F1059-60

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-1 (1.0-1.5) Sampled: 6/28/2012 12:00

Sample ID: 12F1059-62

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	7/5/12	7/7/12 10:22	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1254 [1]	4.3	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1260 [1]	9.7	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/5/12	7/7/12 10:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/7/12 10:22
Decachlorobiphenyl [2]	*	30-150	S-01	7/7/12 10:22
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/7/12 10:22
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/7/12 10:22

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-1 (1.0-1.5) Sampled: 6/28/2012 12:00

Sample ID: 12F1059-62

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	84.9		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-2 (3.0-3.5) Sampled: 6/28/2012 12:02

Sample ID: 12F1059-63

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 12:30	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1254 [1]	0.27	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1260 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:30	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.6	30-150		7/9/12 12:30
Decachlorobiphenyl [2]	78.1	30-150		7/9/12 12:30
Tetrachloro-m-xylene [1]	82.7	30-150		7/9/12 12:30
Tetrachloro-m-xylene [2]	73.0	30-150		7/9/12 12:30

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-2 (3.0-3.5) Sampled: 6/28/2012 12:02

Sample ID: 12F1059-63

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-3 (5.0-5.5) Sampled: 6/28/2012 12:04

Sample ID: 12F1059-64

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 12:42	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1254 [1]	0.65	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1260 [2]	0.48	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.1	30-150		7/9/12 12:42
Decachlorobiphenyl [2]	74.5	30-150		7/9/12 12:42
Tetrachloro-m-xylene [1]	84.8	30-150		7/9/12 12:42
Tetrachloro-m-xylene [2]	75.4	30-150		7/9/12 12:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-3 (5.0-5.5) Sampled: 6/28/2012 12:04

Sample ID: 12F1059-64

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	7/8/12	7/9/12 9:14	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-4 (7.0-7.5) Sampled: 6/28/2012 12:06

Sample ID: 12F1059-65

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 12:55	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1254 [1]	0.35	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1260 [2]	0.30	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/5/12	7/9/12 12:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.7	30-150		7/9/12 12:55
Decachlorobiphenyl [2]	75.9	30-150		7/9/12 12:55
Tetrachloro-m-xylene [1]	85.1	30-150		7/9/12 12:55
Tetrachloro-m-xylene [2]	76.4	30-150		7/9/12 12:55

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12F1059

Date Received: 6/29/2012

Field Sample #: B-57-4 (7.0-7.5) Sampled: 6/28/2012 12:06

Sample ID: 12F1059-65

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	81.1		% Wt	1		SM 2540G	7/8/12	7/9/12 9:14	WAL

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12F1059-01 [C-17]	B054648	07/08/12
12F1059-02 [C-18]	B054648	07/08/12
12F1059-03 [C-19]	B054648	07/08/12
12F1059-04 [C-20]	B054648	07/08/12
12F1059-05 [C-21]	B054648	07/08/12
12F1059-06 [C-22]	B054648	07/08/12
12F1059-07 [C-23]	B054648	07/08/12
12F1059-08 [C-24]	B054648	07/08/12
12F1059-09 [C-25]	B054648	07/08/12
12F1059-10 [C-26]	B054648	07/08/12
12F1059-11 [C-27]	B054648	07/08/12
12F1059-12 [C-28]	B054648	07/08/12
12F1059-13 [C-29]	B054648	07/08/12
12F1059-14 [DUP-1]	B054648	07/08/12
12F1059-15 [DUP-2]	B054648	07/08/12
12F1059-16 [DUP-3]	B054648	07/08/12
12F1059-17 [B-13 (1.0-1.5)]	B054648	07/08/12
12F1059-18 [B-13 (9.0-9.5)]	B054648	07/08/12
12F1059-19 [B-14 (0.5-1.0)]	B054648	07/08/12
12F1059-20 [B-14 (9.5-10.0)]	B054648	07/08/12
12F1059-21 [B-15-1 (1.0-1.5)]	B054648	07/08/12
12F1059-22 [B-15-5 (9.5-10.0)]	B054648	07/08/12
12F1059-23 [B-16-1 (1.5-2.0)]	B054648	07/08/12
12F1059-24 [B-16-5 (9.5-10.0)]	B054648	07/08/12
12F1059-25 [B-28-1 (0.5-1.0)]	B054648	07/08/12
12F1059-27 [B-32-1 (0.0-0.5)]	B054648	07/08/12
12F1059-28 [B-32-2 (2.0-2.5)]	B054648	07/08/12
12F1059-29 [B-32-3 (4.0-4.5)]	B054648	07/08/12
12F1059-30 [B-32-4 (6.0-6.5)]	B054648	07/08/12
12F1059-31 [B-32-5 (8.0-8.5)]	B054648	07/08/12
12F1059-32 [B-33-1 (0.0-0.5)]	B054648	07/08/12
12F1059-33 [B-33-2 (2.0-2.5)]	B054648	07/08/12
12F1059-34 [B-33-3 (4.0-4.5)]	B054648	07/08/12
12F1059-35 [B-33-4 (6.0-6.5)]	B054648	07/08/12
12F1059-36 [B-33-5 (8.0-8.5)]	B054648	07/08/12
12F1059-37 [B-41-1 (0.0-0.5)]	B054648	07/08/12
12F1059-38 [B-41-2 (2.0-2.5)]	B054648	07/08/12
12F1059-39 [B-41-3 (4.0-4.5)]	B054648	07/08/12
12F1059-40 [B-41-4 (6.0-6.5)]	B054648	07/08/12
12F1059-41 [B-41-5 (8.0-8.5)]	B054648	07/08/12
12F1059-42 [B-42-1 (0.0-0.5)]	B054648	07/08/12
12F1059-43 [B-42-2 (2.0-2.5)]	B054648	07/08/12
12F1059-44 [B-42-3 (4.0-4.5)]	B054648	07/08/12
12F1059-45 [B-42-4 (6.0-6.5)]	B054648	07/08/12
12F1059-46 [B-42-5 (8.0-8.5)]	B054648	07/08/12
12F1059-47 [B-43-1 (1.5-2.0)]	B054648	07/08/12
12F1059-48 [B-43-2 (3.5-4.0)]	B054648	07/08/12
12F1059-49 [B-43-3 (5.5-6.0)]	B054648	07/08/12
12F1059-50 [B-43-4 (7.5-8.0)]	B054648	07/08/12
12F1059-51 [B-43-5 (9.5-10.0)]	B054648	07/08/12
12F1059-52 [B-46-1 (0.0-0.5)]	B054648	07/08/12
12F1059-53 [B-46-2 (2.0-2.5)]	B054648	07/08/12
12F1059-54 [B-46-3 (4.0-4.5)]	B054648	07/08/12
12F1059-55 [B-46-4 (6.0-6.5)]	B054648	07/08/12
12F1059-56 [B-46-5 (8.0-8.5)]	B054648	07/08/12

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12F1059-57 [B-56-1 (0.0-0.5)]	B054648	07/08/12
12F1059-58 [B-56-2 (2.0-2.5)]	B054648	07/08/12
12F1059-59 [B-56-3 (4.0-4.5)]	B054648	07/08/12
12F1059-60 [B-56-4 (6.0-6.5)]	B054648	07/08/12
12F1059-62 [B-57-1 (1.0-1.5)]	B054648	07/08/12
12F1059-63 [B-57-2 (3.0-3.5)]	B054648	07/08/12
12F1059-64 [B-57-3 (5.0-5.5)]	B054648	07/08/12
12F1059-65 [B-57-4 (7.0-7.5)]	B054648	07/08/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F1059-01 [C-17]	B054456	10.1	10.0	07/03/12
12F1059-02 [C-18]	B054456	10.0	10.0	07/03/12
12F1059-03 [C-19]	B054456	10.0	10.0	07/03/12
12F1059-04 [C-20]	B054456	10.0	10.0	07/03/12
12F1059-05 [C-21]	B054456	10.2	10.0	07/03/12
12F1059-06 [C-22]	B054456	10.3	10.0	07/03/12
12F1059-07 [C-23]	B054456	10.0	10.0	07/03/12
12F1059-08 [C-24]	B054456	10.3	10.0	07/03/12
12F1059-09 [C-25]	B054456	10.2	10.0	07/03/12
12F1059-10 [C-26]	B054456	10.3	10.0	07/03/12
12F1059-11 [C-27]	B054456	10.1	10.0	07/03/12
12F1059-12 [C-28]	B054456	10.3	10.0	07/03/12
12F1059-13 [C-29]	B054456	10.2	10.0	07/03/12
12F1059-14 [DUP-1]	B054456	10.3	10.0	07/03/12
12F1059-15 [DUP-2]	B054456	10.1	10.0	07/03/12
12F1059-16 [DUP-3]	B054456	10.3	10.0	07/03/12
12F1059-17 [B-13 (1.0-1.5)]	B054456	10.3	10.0	07/03/12
12F1059-18 [B-13 (9.0-9.5)]	B054456	10.0	10.0	07/03/12
12F1059-19 [B-14 (0.5-1.0)]	B054456	10.2	10.0	07/03/12
12F1059-20 [B-14 (9.5-10.0)]	B054456	10.1	10.0	07/03/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F1059-21 [B-15-1 (1.0-1.5)]	B054544	10.0	10.0	07/05/12
12F1059-22 [B-15-5 (9.5-10.0)]	B054544	10.1	10.0	07/05/12
12F1059-23 [B-16-1 (1.5-2.0)]	B054544	10.1	10.0	07/05/12
12F1059-24 [B-16-5 (9.5-10.0)]	B054544	10.0	10.0	07/05/12
12F1059-25 [B-28-1 (0.5-1.0)]	B054544	10.2	10.0	07/05/12
12F1059-27 [B-32-1 (0.0-0.5)]	B054544	10.2	10.0	07/05/12
12F1059-28 [B-32-2 (2.0-2.5)]	B054544	10.2	10.0	07/05/12
12F1059-29 [B-32-3 (4.0-4.5)]	B054544	10.1	10.0	07/05/12
12F1059-30 [B-32-4 (6.0-6.5)]	B054544	10.1	10.0	07/05/12
12F1059-31 [B-32-5 (8.0-8.5)]	B054544	10.0	10.0	07/05/12
12F1059-32 [B-33-1 (0.0-0.5)]	B054544	10.0	10.0	07/05/12
12F1059-33 [B-33-2 (2.0-2.5)]	B054544	10.0	10.0	07/05/12
12F1059-34 [B-33-3 (4.0-4.5)]	B054544	10.3	10.0	07/05/12
12F1059-35 [B-33-4 (6.0-6.5)]	B054544	10.1	10.0	07/05/12
12F1059-36 [B-33-5 (8.0-8.5)]	B054544	10.0	10.0	07/05/12
12F1059-37 [B-41-1 (0.0-0.5)]	B054544	10.3	10.0	07/05/12
12F1059-38 [B-41-2 (2.0-2.5)]	B054544	10.0	10.0	07/05/12

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F1059-39 [B-41-3 (4.0-4.5)]	B054544	10.2	10.0	07/05/12
12F1059-40 [B-41-4 (6.0-6.5)]	B054544	10.1	10.0	07/05/12
12F1059-41 [B-41-5 (8.0-8.5)]	B054544	10.0	10.0	07/05/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F1059-42 [B-42-1 (0.0-0.5)]	B054545	10.1	10.0	07/05/12
12F1059-43 [B-42-2 (2.0-2.5)]	B054545	10.2	10.0	07/05/12
12F1059-44 [B-42-3 (4.0-4.5)]	B054545	10.0	10.0	07/05/12
12F1059-45 [B-42-4 (6.0-6.5)]	B054545	10.2	10.0	07/05/12
12F1059-46 [B-42-5 (8.0-8.5)]	B054545	10.2	10.0	07/05/12
12F1059-47 [B-43-1 (1.5-2.0)]	B054545	10.2	10.0	07/05/12
12F1059-48 [B-43-2 (3.5-4.0)]	B054545	10.3	10.0	07/05/12
12F1059-49 [B-43-3 (5.5-6.0)]	B054545	10.2	10.0	07/05/12
12F1059-50 [B-43-4 (7.5-8.0)]	B054545	10.3	10.0	07/05/12
12F1059-51 [B-43-5 (9.5-10.0)]	B054545	10.0	10.0	07/05/12
12F1059-52 [B-46-1 (0.0-0.5)]	B054545	10.2	10.0	07/05/12
12F1059-53 [B-46-2 (2.0-2.5)]	B054545	10.1	10.0	07/05/12
12F1059-54 [B-46-3 (4.0-4.5)]	B054545	10.2	10.0	07/05/12
12F1059-55 [B-46-4 (6.0-6.5)]	B054545	10.0	10.0	07/05/12
12F1059-56 [B-46-5 (8.0-8.5)]	B054545	10.3	10.0	07/05/12
12F1059-57 [B-56-1 (0.0-0.5)]	B054545	10.1	10.0	07/05/12
12F1059-58 [B-56-2 (2.0-2.5)]	B054545	10.3	10.0	07/05/12
12F1059-59 [B-56-3 (4.0-4.5)]	B054545	10.2	10.0	07/05/12
12F1059-60 [B-56-4 (6.0-6.5)]	B054545	10.3	10.0	07/05/12
12F1059-62 [B-57-1 (1.0-1.5)]	B054545	10.2	10.0	07/05/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F1059-63 [B-57-2 (3.0-3.5)]	B054554	10.0	10.0	07/05/12
12F1059-64 [B-57-3 (5.0-5.5)]	B054554	10.1	10.0	07/05/12
12F1059-65 [B-57-4 (7.0-7.5)]	B054554	10.3	10.0	07/05/12

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

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 B054456 - SW-846 3540C										
Blank (B054456-BLK1)				Prepared: 07/03/12 Analyzed: 07/05/12						
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	*0.263*		mg/Kg wet	0.200		132	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg wet	0.200		117	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg wet	0.200		108	30-150			
LCS (B054456-BS1)				Prepared: 07/03/12 Analyzed: 07/05/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		99.5	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	*0.232*		mg/Kg wet	0.200		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
LCS Dup (B054456-BSD1)				Prepared: 07/03/12 Analyzed: 07/05/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	9.41	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	8.75	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140	6.34	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	6.57	30	
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.213*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.188*		mg/Kg wet	0.200		94.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.198*		mg/Kg wet	0.200		99.0	30-150			

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

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 B054456 - SW-846 3540C											
Matrix Spike (B054456-MS1)	**Source: 12F1059-01**			Prepared: 07/03/12 Analyzed: 07/05/12							
Aroclor-1016	0.27	0.12	mg/Kg dry	0.231	0.0	118		40-140			
Aroclor-1016 [2C]	0.29	0.12	mg/Kg dry	0.231	0.0	127		40-140			
Aroclor-1260	0.32	0.12	mg/Kg dry	0.231	0.26	**28.0**	*	40-140			MS-07A
Aroclor-1260 [2C]	0.32	0.12	mg/Kg dry	0.231	0.27	**25.3**	*	40-140			MS-07A
Surrogate: Decachlorobiphenyl	*0.279*		mg/Kg dry	0.231		121		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.247*		mg/Kg dry	0.231		107		30-150			
Surrogate: Tetrachloro-m-xylene	*0.247*		mg/Kg dry	0.231		107		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.255*		mg/Kg dry	0.231		111		30-150			
Matrix Spike Dup (B054456-MSD1)	**Source: 12F1059-01**			Prepared: 07/03/12 Analyzed: 07/05/12							
Aroclor-1016	0.26	0.12	mg/Kg dry	0.231	0.0	111		40-140	6.41	50	
Aroclor-1016 [2C]	0.26	0.12	mg/Kg dry	0.231	0.0	111		40-140	13.2	50	
Aroclor-1260	0.32	0.12	mg/Kg dry	0.231	0.26	**25.4**	*	40-140	1.84	50	MS-07A
Aroclor-1260 [2C]	0.31	0.12	mg/Kg dry	0.231	0.27	**20.3**	*	40-140	3.65	50	MS-07A
Surrogate: Decachlorobiphenyl	*0.269*		mg/Kg dry	0.231		117		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.242*		mg/Kg dry	0.231		105		30-150			
Surrogate: Tetrachloro-m-xylene	*0.241*		mg/Kg dry	0.231		105		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.250*		mg/Kg dry	0.231		108		30-150			
Batch B054544 - SW-846 3540C											
Blank (B054544-BLK1)				Prepared: 07/05/12 Analyzed: 07/06/12							
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	*0.187*		mg/Kg wet	0.200		93.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.231*		mg/Kg wet	0.200		116		30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg wet	0.200		107		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg wet	0.200		104		30-150			

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

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 B054544 - SW-846 3540C												
LCS (B054544-BS1)				Prepared: 07/05/12 Analyzed: 07/06/12								
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		120		40-140				
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114		40-140				
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111		40-140				
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		127		40-140				
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		101		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.245*		mg/Kg wet	0.200		122		30-150				
Surrogate: Tetrachloro-m-xylene	*0.220*		mg/Kg wet	0.200		110		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.213*		mg/Kg wet	0.200		106		30-150				
LCS Dup (B054544-BSD1)				Prepared: 07/05/12 Analyzed: 07/06/12								
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		117		40-140	3.19		30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110		40-140	3.44		30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103		40-140	8.22		30	
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		118		40-140	7.33		30	
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		99.0		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.240*		mg/Kg wet	0.200		120		30-150				
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg wet	0.200		105		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.202*		mg/Kg wet	0.200		101		30-150				
Matrix Spike (B054544-MS1)	**Source: 12F1059-21**			Prepared: 07/05/12 Analyzed: 07/06/12								
Aroclor-1016	1.2	0.12	mg/Kg dry	0.238	0.0	**521**	*	40-140				MS-21
Aroclor-1016 [2C]	1.5	0.12	mg/Kg dry	0.238	0.0	**614**	*	40-140				MS-21
Aroclor-1260	11	0.12	mg/Kg dry	0.238	6.3	**2160**	*	40-140				MS-19
Aroclor-1260 [2C]	15	0.12	mg/Kg dry	0.238	7.7	**2990**	*	40-140				MS-19
Surrogate: Decachlorobiphenyl	*0.246*		mg/Kg dry	0.238		103		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.291*		mg/Kg dry	0.238		122		30-150				
Surrogate: Tetrachloro-m-xylene	*0.265*		mg/Kg dry	0.238		111		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.255*		mg/Kg dry	0.238		107		30-150				
Matrix Spike Dup (B054544-MSD1)	**Source: 12F1059-21**			Prepared: 07/05/12 Analyzed: 07/06/12								
Aroclor-1016	0.81	0.12	mg/Kg dry	0.238	0.0	**342**	*	40-140	41.6		50	MS-21
Aroclor-1016 [2C]	1.0	0.12	mg/Kg dry	0.238	0.0	**435**	*	40-140	34.0		50	MS-21
Aroclor-1260	6.4	0.12	mg/Kg dry	0.238	6.3	**26.7**	*	40-140	**57.1**	*	50	MS-19
Aroclor-1260 [2C]	7.8	0.12	mg/Kg dry	0.238	7.7	74.6		40-140	**61.5**	*	50	MS-19
Surrogate: Decachlorobiphenyl	*0.191*		mg/Kg dry	0.238		80.0		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.226*		mg/Kg dry	0.238		94.8		30-150				
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg dry	0.238		88.1		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg dry	0.238		84.4		30-150				
Batch B054545 - SW-846 3540C												
Blank (B054545-BLK1)				Prepared: 07/05/12 Analyzed: 07/06/12								
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 B054545 - SW-846 3540C										
Blank (B054545-BLK1)				Prepared: 07/05/12 Analyzed: 07/06/12						
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	*0.198*		mg/Kg wet	0.200		99.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg wet	0.200		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg wet	0.200		92.3	30-150			
LCS (B054545-BS1)				Prepared: 07/05/12 Analyzed: 07/06/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg wet	0.200		99.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.3	30-150			
LCS Dup (B054545-BSD1)				Prepared: 07/05/12 Analyzed: 07/06/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		116	40-140	3.32	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	2.07	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		106	40-140	4.85	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140	3.28	30	
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.5	30-150			
Matrix Spike (B054545-MS1)		**Source: 12F1059-42**		Prepared: 07/05/12 Analyzed: 07/06/12						
Aroclor-1016	49	0.11	mg/Kg dry	0.219	0.0	**22400** *	40-140			MS-21
Aroclor-1016 [2C]	4.2	0.11	mg/Kg dry	0.219	0.0	**1900** *	40-140			MS-21
Aroclor-1260	7.2	0.11	mg/Kg dry	0.219	3.4	**1760** *	40-140			MS-21
Aroclor-1260 [2C]	7.6	0.11	mg/Kg dry	0.219	3.6	**1800** *	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.222*		mg/Kg dry	0.219		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.228*		mg/Kg dry	0.219		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.231*		mg/Kg dry	0.219		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.230*		mg/Kg dry	0.219		105	30-150			
Matrix Spike Dup (B054545-MSD1)		**Source: 12F1059-42**		Prepared: 07/05/12 Analyzed: 07/06/12						
Aroclor-1016	27	0.11	mg/Kg dry	0.219	0.0	**12100** *	40-140	**59.6** *	50	MS-21
Aroclor-1016 [2C]	2.6	0.11	mg/Kg dry	0.219	0.0	**1180** *	40-140	46.8	50	MS-21
Aroclor-1260	9.0	0.11	mg/Kg dry	0.219	3.4	**2570** *	40-140	21.7	50	MS-21
Aroclor-1260 [2C]	9.5	0.11	mg/Kg dry	0.219	3.6	**2660** *	40-140	22.0	50	MS-21
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg dry	0.219		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.227*		mg/Kg dry	0.219		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.244*		mg/Kg dry	0.219		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg dry	0.219		103	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 B054554 - SW-846 3540C										
Blank (B054554-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	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg wet	0.200		95.2	30-150			
LCS (B054554-BS1)				Prepared: 07/05/12 Analyzed: 07/09/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		114	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		96.1	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.7	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		93.1	40-140			
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg wet	0.200		91.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		96.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			
LCS Dup (B054554-BSD1)				Prepared: 07/05/12 Analyzed: 07/09/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		100	40-140	12.8	30	
Aroclor-1016 [2C]	0.17	0.10	mg/Kg wet	0.200		87.2	40-140	9.75	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		86.9	40-140	8.53	30	
Aroclor-1260 [2C]	0.17	0.10	mg/Kg wet	0.200		85.3	40-140	8.80	30	
Surrogate: Decachlorobiphenyl	*0.173*		mg/Kg wet	0.200		86.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.161*		mg/Kg wet	0.200		80.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.153*		mg/Kg wet	0.200		76.7	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 B054648 - % Solids										
Duplicate (B054648-DUP2)	**Source: 12F1059-01**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	86.3		% Wt		85.9			0.465	20	
Duplicate (B054648-DUP3)	**Source: 12F1059-02**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	78.1		% Wt		88.8			12.8	20	
Duplicate (B054648-DUP4)	**Source: 12F1059-03**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	86.0		% Wt		88.4			2.75	20	
Duplicate (B054648-DUP5)	**Source: 12F1059-04**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	89.6		% Wt		87.4			2.49	20	
Duplicate (B054648-DUP6)	**Source: 12F1059-05**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	89.4		% Wt		87.6			2.03	20	
Duplicate (B054648-DUP7)	**Source: 12F1059-06**			Prepared: 07/08/12 Analyzed: 07/09/12						
% Solids	85.1		% Wt		81.3			4.57	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-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
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.
V-24	Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.

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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	07/30/2013
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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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F1059

Page 1 of 10

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: N. Phillippi

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 (Method 8082)	Soxhlet Extr (Method 3540C)	# of Containers	** Preservation	***Container Code
01	C-17	6/29/12	1452	X		S	U	✓	✓	1		A
02	C-18		1456									
03	C-19		1500									
04	C-20		1505									
05	C-21		1509									
06	C-22		1530									
07	C-23		1533									
08	C-23		1535									
09	C-25		1540									
10	C-26		1545									

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:
[signature] 8:00 pm	6/28/12
Received by: (signature) 2.3	Date/Time:
[signature] 20:00	6/29
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: 0.25 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

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CHAIN OF CUSTODY RECORD

Page 2 of 10

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: N. Phillippi

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 (Method 8082)	Soxhlet Extr (Method 3540C)	# of Containers	** Preservation	***Container Code
11	C-27	6/29/12	1550	X		S	U	✓	✓			
12	C-28	↓	1603	X								
13	C-29	↓	1608	X								
14	DUP-1	6/29/12	--	X								
15	DUP-2	6/26/12	--		X							
16	DUP-3	6/28/12	--		X							
17	B-13 (1.0-1.5)	6/26/12	1510		X							
18	B-13 (9.0-9.5)	6/26/12	1518		X							
19	B-14 (0.5-1.0)	6/26/12	1520		X							
20	B-14 (9.5-10.0)	6/26/12	1528		X							

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: 6/29/12 800pm	
Received by: (signature)	Date/Time: 2.36/29 20:00	
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: 0.25 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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www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 3 of 10

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: N. Phillippi

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

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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 (Method 8082)	Soxhlet Extr (Method 3540C)	ANALYSIS REQUESTED	# of Containers	** Preservation	***Container Code
								1	I	A			
21	B-15-1 (1.0-1.5)	6/27/12	0822		X	S	U	✓	✓				
22	B-15-5 (9.5-10.0)		0846					✓	✓				
23	B-16-1 (1.5-2.0)		0945					✓	✓				
24	B-16-5 (9.5-10.0)		0952					✓	✓				
25	B-28-1 (0.5-1.0)		1036					✓	✓				
26	B-28-5 (8.5-9.0)		1110					HO	LD				
27	B-32-1 (0.0-0.5)	6/28/12	1310					✓	✓				
28	-2 (2.0-2.5)		1312					✓	✓				
29	-3 (4.0-4.5)		1314					✓	✓				
30	-4 (6.0-6.5)		1316					✓	✓				

Comments:
DO NOT test sample B-28 (8.5-9.0); hold for future 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

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_____

Relinquished by: (signature)	Date/Time: 6/28/12 9:00pm	
Received by: (signature)	Date/Time: 6/29 20:00	
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: 0.25 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 10

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: N. Phillippi

Project Proposal Provided? (for billing purposes)
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	PCBs (Method 8082)	Soxhlet Extr (Method 3540C)	# of Containers	** Preservation	***Container Code
								1	I	A		
31	B-32-5 (8.0-8.5)	6/28/12	1318		x	S	U	✓	✓			
32	B-33-1 (0.0-0.5)		1300					✓	✓			
33	-2 (2.0-2.5)		1302					✓	✓			
34	-3 (4.0-4.5)		1304					✓	✓			
35	-4 (6.0-6.5)		1306					✓	✓			
36	-5 (8.0-8.5)		1308					✓	✓			
37	B-41-1 (0.0-0.5)		1320					✓	✓			
38	-2 (2.0-2.5)		1322					✓	✓			
39	-3 (4.0-4.5)		1324					✓	✓			
40	-4 (6.0-6.5)		1326					✓	✓			

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 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 5:00pm	
Received by: (signature)	Date/Time: 6/29 20:00	
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: 0.25 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

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Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: N. Phillippi

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

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O OTHER_____
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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 (Method 8082)	Soxhlet Extr (Method 3540C)									# of Containers
								1	I									** Preservation
								A										***Container Code
41	B-41-5 (8.0-8.5)	6/28/12	1328		x	S	U	✓	✓									
42	B-42-1 (0.0-0.5)		1230					✓	✓									
43	-2 (2.0-2.5)		1232					✓	✓									
44	-3 (4.0-4.5)		1234					✓	✓									
45	-4 (6.0-6.5)		1236					✓	✓									
46	-5 (8.0-8.5)		1238					✓	✓									
47	B-43-1 (1.5-2.0)		1220					✓	✓									
48	-2 (3.5-4.0)		1222					✓	✓									
49	-3 (5.5-6.0)		1224					✓	✓									
50	-4 (7.5-8.0)		1226					✓	✓									

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 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:	**Turnaround** ††
Received by: (signature)	Date/Time:	☐ 7-Day
Relinquished by: (signature)	Date/Time:	☐ 10-Day
Received by: (signature)	Date/Time:	☑ 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 ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

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CHAIN OF CUSTODY RECORD

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: N. Phillippi

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

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O OTHER_____
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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 (Method 8082)	Soxhlet Extr (Method 3540C)	# of Containers	** Preservation	***Container Code
51	B-43-5 (9.5-10.0)	6/28/12	1228		x	S	U	✓	✓	1	I	A
52	B-46-1 (0.0-0.5)	"	1330		"	"	"	✓	✓	"	"	"
53	" -2 (2.0-2.5)	"	1345		"	"	"	✓	✓	"	"	"
54	" -3 (4.0-4.5)	"	1400		"	"	"	✓	✓	"	"	"
55	" -4 (6.0-6.5)	"	1415		"	"	"	✓	✓	"	"	"
56	" -5 (8.0-8.5)	"	1430		"	"	"	✓	✓	"	"	"
57	B-56-1 (0.0-0.5)	"	1440		"	"	"	✓	✓	"	"	"
58	" -2 (2.0-2.5)	"	1450		"	"	"	✓	✓	"	"	"
59	" -3 (4.0-4.5)	"	1500		"	"	"	✓	✓	"	"	"
60	" -4 (6.0-6.5)	"	1510		"	"	"	✓	✓	"	"	"

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 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) J Wilson	Date/Time: 6/29/12 8:00pm	
Received by: (signature) 2.3	Date/Time: 6/29 20:00	
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: 0.25 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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AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

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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: N. Phillippi

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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 (Method 8082)	Soxhlet Extr (Method 3540C)										# of Containers / ** Preservation / ***Container Code
								1	I										
								A											
61	B-56-5 (8.0-8.5)	6/28/12	1520		x	S	U	HO	LD										
62	B-57-1 (1.0-1.5)	"	1200		"	"	"	✓	✓										
63	-2 (3.0-3.5)	"	1202		"	"	"	✓	✓										
64	-3 (5.0-5.5)	"	1204		"	"	"	✓	✓										
65	-4 (7.0-7.5)	"	1206		"	"	"	✓	✓										
66	-5 (9.0-9.5)	"	1208		"	"	"	HO	LD										
67	B-54 (0.0-0.5)	6/26/12	1020		"	"	"	HO	LD										
68	B-54 (8.5-9.0)	"	1043		"	"	"	HO	LD										
69	B-60-1 (0.0-0.5)	6/28/12	1530		"	"	"	HO	LD										
70	-2 (2.0-2.5)	"	1532		"	"	"	HO	LD										

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

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I = Iced
H = HCL
M = Methanol
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O = Other_____

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

Comments:
Do not test samples as noted; hold for future 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: 6/29/12 8:00pm	
Received by: (signature)	Date/Time: 6/29 20:00	
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: 0.25 mg/kg
_____
_____
Other:

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

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CHAIN OF CUSTODY RECORD

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Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: N. Phillippi

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 (Method 8082)	Extract Extra (Method 3550C)	# of Containers	** Preservation	***Container Code
71	B-60-3 (4.0-4.5)	6/28/12	1534		X	S	U	H	D	1	I	A
72	B-60-4 (6.0-6.5)	↓	1536		↓	↓	↓	↓	↓			
73	B-60-5 (8.0-8.5)		1538									
74	B-61-1 (0.0-1.0)		1120									
75	B-61-2 (2.5-3.0)		1122									
76	B-61-3 (4.5-5.0)		1124									
77	B-61-4 (6.5-7.0)		1126									
78	B-61-5 (8.5-9.0)	↓	1128									
79	B-68 (1.0-1.5)	6/26/12	0930									
80	B-68 (8.5-9.0)	↓	0940		↓	↓	↓	↓	↓			

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:
Do not test these samples; hold for future 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: 6/29/12 8:00p.m.	
Received by: (signature)	Date/Time: 6/29/12 20:00	
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: 0.25 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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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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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

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: N. Phillippi

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	PCB (Method 8082)	Dissolved Metals (Method 6010C)
81	B-70-1 (0.0-0.5)	6/28/12	1540		X	S	U	1	I	A	HOLD	
82	B-70-2 (2.0-2.5)		1542									
83	B-70-3 (4.0-4.5)		1546									
84	B-70-4 (6.0-6.5)		1548									
85	B-70-5 (8.0-8.5)		1550									
86	B-71-1 (0.0-0.5)		1110									
87	B-71-2 (2.0-2.5)		1112									
88	B-71-3 (4.0-4.5)		1114									
89	B-71-4 (6.0-6.5)		1116									
90	B-71-5 (8.0-8.5)	↓	1118		↓	↓	↓	↓	↓	↓	↓	↓

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
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SL = sludge
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Comments:
Do not test these samples; hold for future 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: 6/28/12 8:00pm	
Received by: (signature)	Date/Time: 6/29/12 20:00	
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: 0.25 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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WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

Page 10 of 10

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: N. Phillippi

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	1	I	A	PCBs (Method 8082)	Soxhlet Ext (Method 3540C)	# of Containers	** Preservation	***Container Code
91	B-89 (0.5-1.0)	6/26/12	0852		X	S	U				HOLD				
92	B-89 (9.5-10.0)	↓	0902		↓	↓	↓				↓	↓			
93	B-96-1 (0.0-0.5)	6/28/12	0830												
94	B-96-2 (2.0-2.5)	↓	0832												
95	B-96-3 (4.0-4.5)		0834												
96	B-96-4 (6.0-6.5)		0836												
97	B-96-5 (8.0-8.5)	↓			↓	↓	↓				↓	↓			

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
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G=glass
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**Preservation
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WW= wastewater
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H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 6/29/12	820pm
Received by: (signature)	Date/Time:
[signature] 2.3 6/29	10:00
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: _____
_____
_____
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_____
_____
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O MA State DW Form Required PWSID # _____

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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: WF DATE: 6/29/12

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 2.1

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	97
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:

Doc# 277
Rev. 3 May 2012

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: 12F1059

Laboratory Sample ID(s):

12F1059-01 thru 12F1059-65

Sample Date(s):

06/26/2012,
06/27/2012,
06/28/2012,
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:** 07/09/12

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

August 1, 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: 12G0319

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: 8/1/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0319

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
B11-2 2.5-3.0ft	12G0319-01	Soil		SM 2540G	
				SW-846 8082A	
B11-3 4.5-5.0ft	12G0319-02	Soil		SM 2540G	
				SW-846 8082A	
B11-4 6.5-7.0ft	12G0319-03	Soil		SM 2540G	
				SW-846 8082A	
B17-2 2.0-2.5ft	12G0319-04	Soil		SM 2540G	
				SW-846 8082A	
B17-3 4.0-4.5ft	12G0319-05	Soil		SM 2540G	
				SW-846 8082A	
B17-4 6.0-6.5ft	12G0319-06	Soil		SM 2540G	
				SW-846 8082A	
B18-2 3.0-3.5ft	12G0319-07	Soil		SM 2540G	
				SW-846 8082A	
B18-3 5.0-5.5ft	12G0319-08	Soil		SM 2540G	
				SW-846 8082A	
B18-4 7.0-7.5ft	12G0319-09	Soil		SM 2540G	
				SW-846 8082A	
B19-2 3.5-4.0ft	12G0319-10	Soil		SM 2540G	
				SW-846 8082A	
B19-3 5.5-6.0ft	12G0319-11	Soil		SM 2540G	
				SW-846 8082A	
B19-4 7.5-8.0ft	12G0319-12	Soil		SM 2540G	
				SW-846 8082A	
B29-2 2.0-2.5ft	12G0319-13	Soil		SM 2540G	
				SW-846 8082A	
B29-3 4.0-4.5ft	12G0319-14	Soil		SM 2540G	
				SW-846 8082A	
B29-4 6.0-6.5ft	12G0319-15	Soil		SM 2540G	
				SW-846 8082A	
B39-2 3.0-3.5ft	12G0319-16	Soil		SM 2540G	
				SW-846 8082A	
B39-4 7.0-7.5ft	12G0319-17	Soil		SM 2540G	
				SW-846 8082A	
B40-2 3.5-4.0ft	12G0319-18	Soil		SM 2540G	
				SW-846 8082A	
B40-3 5.5-6.0ft	12G0319-19	Soil		SM 2540G	
				SW-846 8082A	
B40-4 7.5-8.0ft	12G0319-20	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
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ATTN: Chris Soroka

REPORT DATE: 8/1/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0319

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
B53-2 2.0-2.5ft	12G0319-21	Soil		SM 2540G	
				SW-846 8082A	
B53-3 4.0-4.5ft	12G0319-22	Soil		SM 2540G	
				SW-846 8082A	
B53-4 6.0-6.5ft	12G0319-23	Soil		SM 2540G	
				SW-846 8082A	
B67-2 3.0-3.5ft	12G0319-24	Soil		SM 2540G	
				SW-846 8082A	
B67-3 5.0-5.5ft	12G0319-25	Soil		SM 2540G	
				SW-846 8082A	
B67-4 7.0-7.5ft	12G0319-26	Soil		SM 2540G	
				SW-846 8082A	
B66-2 3.5-4.0ft	12G0319-27	Soil		SM 2540G	
				SW-846 8082A	
B66-4 7.5-8.0ft	12G0319-28	Soil		SM 2540G	
				SW-846 8082A	
B76-2 3.0-3.5ft	12G0319-29	Soil		SM 2540G	
				SW-846 8082A	
B76-3 5.0-5.5ft	12G0319-30	Soil		SM 2540G	
				SW-846 8082A	
B76-4 7.0-7.5ft	12G0319-31	Soil		SM 2540G	
				SW-846 8082A	
B88-2 3.5-4.0ft	12G0319-32	Soil		SM 2540G	
				SW-846 8082A	
B88-3 5.5-6.0ft	12G0319-33	Soil		SM 2540G	
				SW-846 8082A	
B88-4 7.5-8.0ft	12G0319-34	Soil		SM 2540G	
				SW-846 8082A	
B75-2 2.0-2.5ft	12G0319-35	Soil		SM 2540G	
				SW-846 8082A	
B75-3 4.0-4.5ft	12G0319-36	Soil		SM 2540G	
				SW-846 8082A	
B12-2 2.0-2.5ft	12G0319-37	Soil		SM 2540G	
				SW-846 8082A	
B12-3 4.0-4.5ft	12G0319-38	Soil		SM 2540G	
				SW-846 8082A	
B12-4 6.0-6.5ft	12G0319-39	Soil		SM 2540G	
				SW-846 8082A	
Dup-14	12G0319-40	Soil		SM 2540G	
				SW-846 8082A	

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: 8/1/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0319

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
Dup-15	12G0319-41	Soil		SM 2540G SW-846 8082A	

con-test® ANALYTICAL LABORATORY
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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.

con-test® ANALYTICAL LABORATORY
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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]

B054877-MS1, B054877-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]

B054877-MS1, B054877-MSD1, B054878-MS1

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-1260, Aroclor-1260 [2C]

B054878-MS1

Due to continuing calibration non-conformance on the confirmatory detector, the lower of two results was reported.

Analyte & Samples(s) Qualified:

Aroclor-1254, Aroclor-1260

12G0319-21[B53-2 2.0-2.5ft], 12G0319-22[B53-3 4.0-4.5ft], 12G0319-24[B67-2 3.0-3.5ft], 12G0319-35[B75-2 2.0-2.5ft], 12G0319-39[B12-4 6.0-6.5ft], 12G0319-29[B76-2 3.0-3.5ft]

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]

12G0319-01[B11-2 2.5-3.0ft], 12G0319-04[B17-2 2.0-2.5ft], 12G0319-05[B17-3 4.0-4.5ft], 12G0319-07[B18-2 3.0-3.5ft], 12G0319-10[B19-2 3.5-4.0ft], 12G0319-13[B29-2 2.0-2.5ft], 12G0319-14[B29-3 4.0-4.5ft], 12G0319-18[B40-2 3.5-4.0ft], 12G0319-37[B12-2 2.0-2.5ft], 12G0319-38[B12-3 4.0-4.5ft], 12G0319-40[Dup-14]

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260 [2C]

B054878-BS1, B054878-BSD1, B054878-MS1, B054878-MSD1

Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.

Analyte & Samples(s) Qualified:

Aroclor-1254, Aroclor-1260

12G0319-21[B53-2 2.0-2.5ft], 12G0319-22[B53-3 4.0-4.5ft], 12G0319-24[B67-2 3.0-3.5ft], 12G0319-35[B75-2 2.0-2.5ft], 12G0319-39[B12-4 6.0-6.5ft], 12G0319-29[B76-2 3.0-3.5ft]

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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-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-2 2.5-3.0ft Sampled: 6/27/2012 08:10

Sample ID: 12G0319-01

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	7/11/12	7/13/12 23:14	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1254 [1]	5.1	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1260 [2]	8.0	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 23:14
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 23:14
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 23:14
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 23:14

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-2 2.5-3.0ft Sampled: 6/27/2012 08:10

Sample ID: 12G0319-01

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	79.3		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-3 4.5-5.0ft | Sampled: 6/27/2012 08:15

Sample ID: 12G0319-02

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	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1254 [2]	0.11	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1260 [1]	0.13	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:43	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	119	30-150		7/12/12 18:43
Decachlorobiphenyl [2]	97.6	30-150		7/12/12 18:43
Tetrachloro-m-xylene [1]	94.8	30-150		7/12/12 18:43
Tetrachloro-m-xylene [2]	96.9	30-150		7/12/12 18:43

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-3 4.5-5.0ft | Sampled: 6/27/2012 08:15

Sample ID: 12G0319-02

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	94.5		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-4 6.5-7.0ft | Sampled: 6/27/2012 08:18

Sample ID: 12G0319-03

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	7/12/12 18:56	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 18:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/12/12 18:56
Decachlorobiphenyl [2]	89.1	30-150		7/12/12 18:56
Tetrachloro-m-xylene [1]	83.9	30-150		7/12/12 18:56
Tetrachloro-m-xylene [2]	86.1	30-150		7/12/12 18:56

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B11-4 6.5-7.0ft Sampled: 6/27/2012 08:18

Sample ID: 12G0319-03

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	89.7		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-2 2.0-2.5ft | Sampled: 6/27/2012 09:56

Sample ID: 12G0319-04

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	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1254 [1]	5.3	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1260 [2]	7.9	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 23:27
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 23:27
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 23:27
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 23:27

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-2 2.0-2.5ft Sampled: 6/27/2012 09:56

Sample ID: 12G0319-04

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	81.5		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-3 4.0-4.5ft | Sampled: 6/27/2012 09:58

Sample ID: 12G0319-05

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	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1254 [2]	4.2	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1260 [2]	6.3	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 23:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 23:40
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 23:40
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 23:40
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 23:40

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-3 4.0-4.5ft | Sampled: 6/27/2012 09:58

Sample ID: 12G0319-05

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	87.8		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-4 6.0-6.5ft | Sampled: 6/27/2012 10:00

Sample ID: 12G0319-06

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	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1254 [1]	1.3	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1260 [2]	1.3	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	7/11/12	7/13/12 23:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	101	30-150		7/13/12 23:53	
Decachlorobiphenyl [2]	101	30-150		7/13/12 23:53	
Tetrachloro-m-xylene [1]	94.0	30-150		7/13/12 23:53	
Tetrachloro-m-xylene [2]	97.8	30-150		7/13/12 23:53	

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B17-4 6.0-6.5ft | Sampled: 6/27/2012 10:00

Sample ID: 12G0319-06

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	92.3		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-2 3.0-3.5ft Sampled: 6/27/2012 10:06

Sample ID: 12G0319-07

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	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1221 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1232 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1242 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1248 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1254 [2]	200	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1260 [1]	570	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1262 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC
Aroclor-1268 [1]	ND	58	mg/Kg dry	2500		SW-846 8082A	7/11/12	7/14/12 0:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/14/12 0:06
Decachlorobiphenyl [2]	*	30-150	S-01	7/14/12 0:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/14/12 0:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/14/12 0:06

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-2 3.0-3.5ft Sampled: 6/27/2012 10:06

Sample ID: 12G0319-07

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	84.2		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-3 5.0-5.5ft Sampled: 6/27/2012 10:08

Sample ID: 12G0319-08

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	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1260 [2]	0.11	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/14/12 0:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	92.9	30-150		7/14/12	0:20
Decachlorobiphenyl [2]	92.6	30-150		7/14/12	0:20
Tetrachloro-m-xylene [1]	85.9	30-150		7/14/12	0:20
Tetrachloro-m-xylene [2]	87.5	30-150		7/14/12	0:20

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-3 5.0-5.5ft Sampled: 6/27/2012 10:08

Sample ID: 12G0319-08

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	97.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-4 7.0-7.5ft | Sampled: 6/27/2012 10:10

Sample ID: 12G0319-09

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	7/11/12	7/12/12 20:13	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.0	30-150		7/12/12 20:13
Decachlorobiphenyl [2]	72.0	30-150		7/12/12 20:13
Tetrachloro-m-xylene [1]	59.7	30-150		7/12/12 20:13
Tetrachloro-m-xylene [2]	61.9	30-150		7/12/12 20:13

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B18-4 7.0-7.5ft Sampled: 6/27/2012 10:10

Sample ID: 12G0319-09

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	84.1		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-2 3.5-4.0ft Sampled: 6/27/2012 10:16

Sample ID: 12G0319-10

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	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1221 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1232 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1242 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1248 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1254 [1]	32	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1260 [2]	59	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1262 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC
Aroclor-1268 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 0:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/14/12 0:34
Decachlorobiphenyl [2]	*	30-150	S-01	7/14/12 0:34
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/14/12 0:34
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/14/12 0:34

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-2 3.5-4.0ft | Sampled: 6/27/2012 10:16

Sample ID: 12G0319-10

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	82.7		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-3 5.5-6.0ft Sampled: 6/27/2012 10:18

Sample ID: 12G0319-11

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	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1221 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1232 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1242 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1248 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1254 [1]	4.4	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1260 [2]	3.5	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1262 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC
Aroclor-1268 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 0:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/14/12 0:47
Decachlorobiphenyl [2]	99.6	30-150		7/14/12 0:47
Tetrachloro-m-xylene [1]	84.7	30-150		7/14/12 0:47
Tetrachloro-m-xylene [2]	90.0	30-150		7/14/12 0:47

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-3 5.5-6.0ft Sampled: 6/27/2012 10:18

Sample ID: 12G0319-11

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	80.8		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-4 7.5-8.0ft | Sampled: 6/27/2012 10:20

Sample ID: 12G0319-12

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	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1254 [2]	0.16	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:17	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		7/12/12 21:17
Decachlorobiphenyl [2]	97.0	30-150		7/12/12 21:17
Tetrachloro-m-xylene [1]	84.9	30-150		7/12/12 21:17
Tetrachloro-m-xylene [2]	88.0	30-150		7/12/12 21:17

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B19-4 7.5-8.0ft | Sampled: 6/27/2012 10:20

Sample ID: 12G0319-12

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	94.4		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-2 2.0-2.5ft | Sampled: 6/27/2012 11:30

Sample ID: 12G0319-13

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	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1221 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1232 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1242 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1248 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1254 [2]	23	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1260 [2]	39	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1262 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC
Aroclor-1268 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	7/11/12	7/14/12 1:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/14/12 1:00
Decachlorobiphenyl [2]	*	30-150	S-01	7/14/12 1:00
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/14/12 1:00
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/14/12 1:00

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-2 2.0-2.5ft Sampled: 6/27/2012 11:30

Sample ID: 12G0319-13

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	85.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-3 4.0-4.5ft | Sampled: 6/27/2012 11:40

Sample ID: 12G0319-14

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	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1254 [2]	10	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1260 [2]	15	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/14/12 1:13
Decachlorobiphenyl [2]	*	30-150	S-01	7/14/12 1:13
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/14/12 1:13
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/14/12 1:13

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-3 4.0-4.5ft Sampled: 6/27/2012 11:40

Sample ID: 12G0319-14

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	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-4 6.0-6.5ft | Sampled: 6/27/2012 11:50

Sample ID: 12G0319-15

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	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		7/12/12 21:59
Decachlorobiphenyl [2]	89.6	30-150		7/12/12 21:59
Tetrachloro-m-xylene [1]	78.8	30-150		7/12/12 21:59
Tetrachloro-m-xylene [2]	81.6	30-150		7/12/12 21:59

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B29-4 6.0-6.5ft | Sampled: 6/27/2012 11:50

Sample ID: 12G0319-15

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	83.2		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B39-2 3.0-3.5ft | Sampled: 6/27/2012 13:10

Sample ID: 12G0319-16

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	7/11/12	7/12/12 22:12	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/12/12 22:12
Decachlorobiphenyl [2]	81.3	30-150		7/12/12 22:12
Tetrachloro-m-xylene [1]	76.9	30-150		7/12/12 22:12
Tetrachloro-m-xylene [2]	79.8	30-150		7/12/12 22:12

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B39-2 3.0-3.5ft Sampled: 6/27/2012 13:10

Sample ID: 12G0319-16

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	82.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B39-4 7.0-7.5ft | Sampled: 6/27/2012 13:11

Sample ID: 12G0319-17

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	7/11/12	7/12/12 22:25	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		7/12/12 22:25
Decachlorobiphenyl [2]	85.2	30-150		7/12/12 22:25
Tetrachloro-m-xylene [1]	80.2	30-150		7/12/12 22:25
Tetrachloro-m-xylene [2]	83.1	30-150		7/12/12 22:25

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B39-4 7.0-7.5ft | Sampled: 6/27/2012 13:11

Sample ID: 12G0319-17

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	87.1		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-2 3.5-4.0ft Sampled: 6/27/2012 13:20

Sample ID: 12G0319-18

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	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1254 [1]	12	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1260 [2]	17	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	7/11/12	7/14/12 1:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/14/12 1:25
Decachlorobiphenyl [2]	*	30-150	S-01	7/14/12 1:25
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/14/12 1:25
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/14/12 1:25

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-2 3.5-4.0ft Sampled: 6/27/2012 13:20

Sample ID: 12G0319-18

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	86.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-3 5.5-6.0ft | Sampled: 6/27/2012 13:22

Sample ID: 12G0319-19

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	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1254 [1]	3.0	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1260 [2]	4.2	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/11/12	7/14/12 1:37	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.0	30-150		7/14/12 1:37
Decachlorobiphenyl [2]	93.6	30-150		7/14/12 1:37
Tetrachloro-m-xylene [1]	81.2	30-150		7/14/12 1:37
Tetrachloro-m-xylene [2]	87.6	30-150		7/14/12 1:37

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-3 5.5-6.0ft | Sampled: 6/27/2012 13:22

Sample ID: 12G0319-19

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	84.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-4 7.5-8.0ft | Sampled: 6/27/2012 13:24

Sample ID: 12G0319-20

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	7/11/12	7/12/12 23:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/12/12 23:02
Decachlorobiphenyl [2]	89.4	30-150		7/12/12 23:02
Tetrachloro-m-xylene [1]	85.7	30-150		7/12/12 23:02
Tetrachloro-m-xylene [2]	87.9	30-150		7/12/12 23:02

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B40-4 7.5-8.0ft Sampled: 6/27/2012 13:24

Sample ID: 12G0319-20

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	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: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-2 2.0-2.5ft | Sampled: 6/27/2012 13:30

Sample ID: 12G0319-21

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	7/11/12	7/12/12 20:16	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1254 [1]	0.24	0.12	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1260 [1]	0.35	0.12	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.4	30-150		7/12/12 20:16
Decachlorobiphenyl [2]	91.7	30-150		7/12/12 20:16
Tetrachloro-m-xylene [1]	81.7	30-150		7/12/12 20:16
Tetrachloro-m-xylene [2]	95.0	30-150		7/12/12 20:16

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-2 2.0-2.5ft Sampled: 6/27/2012 13:30

Sample ID: 12G0319-21

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	84.1		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-3 4.0-4.5ft | Sampled: 6/27/2012 13:32

Sample ID: 12G0319-22

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	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:29	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.1	30-150		7/12/12 20:29
Decachlorobiphenyl [2]	88.6	30-150		7/12/12 20:29
Tetrachloro-m-xylene [1]	79.9	30-150		7/12/12 20:29
Tetrachloro-m-xylene [2]	93.1	30-150		7/12/12 20:29

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-3 4.0-4.5ft Sampled: 6/27/2012 13:32

Sample ID: 12G0319-22

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	79.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-4 6.0-6.5ft | Sampled: 6/27/2012 13:34

Sample ID: 12G0319-23

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	7/11/12	7/12/12 20:42	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.4	30-150		7/12/12 20:42
Decachlorobiphenyl [2]	96.2	30-150		7/12/12 20:42
Tetrachloro-m-xylene [1]	85.5	30-150		7/12/12 20:42
Tetrachloro-m-xylene [2]	98.9	30-150		7/12/12 20:42

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B53-4 6.0-6.5ft Sampled: 6/27/2012 13:34

Sample ID: 12G0319-23

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	83.6		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-2 3.0-3.5ft | Sampled: 6/27/2012 13:40

Sample ID: 12G0319-24

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	7/11/12	7/12/12 20:55	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1254 [1]	0.14	0.11	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1260 [1]	0.26	0.11	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 20:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.2	30-150		7/12/12 20:55
Decachlorobiphenyl [2]	107	30-150		7/12/12 20:55
Tetrachloro-m-xylene [1]	87.8	30-150		7/12/12 20:55
Tetrachloro-m-xylene [2]	99.3	30-150		7/12/12 20:55

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-2 3.0-3.5ft Sampled: 6/27/2012 13:40

Sample ID: 12G0319-24

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	90.1		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-3 5.0-5.5ft | Sampled: 6/27/2012 13:42

Sample ID: 12G0319-25

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	7/11/12	7/12/12 21:08	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:08	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.6	30-150		7/12/12 21:08
Decachlorobiphenyl [2]	101	30-150		7/12/12 21:08
Tetrachloro-m-xylene [1]	87.4	30-150		7/12/12 21:08
Tetrachloro-m-xylene [2]	101	30-150		7/12/12 21:08

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-3 5.0-5.5ft Sampled: 6/27/2012 13:42

Sample ID: 12G0319-25

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	88.7		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-4 7.0-7.5ft | Sampled: 6/27/2012 13:44

Sample ID: 12G0319-26

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	7/11/12	7/12/12 21:21	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.5	30-150		7/12/12 21:21
Decachlorobiphenyl [2]	94.4	30-150		7/12/12 21:21
Tetrachloro-m-xylene [1]	76.4	30-150		7/12/12 21:21
Tetrachloro-m-xylene [2]	88.9	30-150		7/12/12 21:21

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B67-4 7.0-7.5ft Sampled: 6/27/2012 13:44

Sample ID: 12G0319-26

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	88.2		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B66-2 3.5-4.0ft | Sampled: 6/27/2012 13:52

Sample ID: 12G0319-27

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	7/11/12	7/12/12 21:34	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.1	30-150		7/12/12 21:34
Decachlorobiphenyl [2]	89.7	30-150		7/12/12 21:34
Tetrachloro-m-xylene [1]	80.8	30-150		7/12/12 21:34
Tetrachloro-m-xylene [2]	94.5	30-150		7/12/12 21:34

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B66-2 3.5-4.0ft Sampled: 6/27/2012 13:52

Sample ID: 12G0319-27

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	86.8		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B66-4 7.5-8.0ft | Sampled: 6/27/2012 13:56

Sample ID: 12G0319-28

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	7/11/12	7/12/12 21:47	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 21:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.6	30-150		7/12/12 21:47
Decachlorobiphenyl [2]	98.2	30-150		7/12/12 21:47
Tetrachloro-m-xylene [1]	83.7	30-150		7/12/12 21:47
Tetrachloro-m-xylene [2]	97.7	30-150		7/12/12 21:47

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B66-4 7.5-8.0ft | Sampled: 6/27/2012 13:56

Sample ID: 12G0319-28

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	88.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-2 3.0-3.5ft | Sampled: 6/27/2012 14:55

Sample ID: 12G0319-29

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	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1260 [1]	0.57	0.11	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.0	30-150		7/12/12 22:00
Decachlorobiphenyl [2]	103	30-150		7/12/12 22:00
Tetrachloro-m-xylene [1]	87.8	30-150		7/12/12 22:00
Tetrachloro-m-xylene [2]	102	30-150		7/12/12 22:00

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-2 3.0-3.5ft Sampled: 6/27/2012 14:55

Sample ID: 12G0319-29

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	92.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-3 5.0-5.5ft | Sampled: 6/27/2012 15:00

Sample ID: 12G0319-30

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	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.9	30-150		7/12/12 22:39
Decachlorobiphenyl [2]	93.7	30-150		7/12/12 22:39
Tetrachloro-m-xylene [1]	83.7	30-150		7/12/12 22:39
Tetrachloro-m-xylene [2]	97.9	30-150		7/12/12 22:39

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-3 5.0-5.5ft Sampled: 6/27/2012 15:00

Sample ID: 12G0319-30

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	88.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-4 7.0-7.5ft | Sampled: 6/27/2012 15:05

Sample ID: 12G0319-31

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	7/11/12	7/12/12 22:52	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 22:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.1	30-150		7/12/12 22:52
Decachlorobiphenyl [2]	104	30-150		7/12/12 22:52
Tetrachloro-m-xylene [1]	92.7	30-150		7/12/12 22:52
Tetrachloro-m-xylene [2]	108	30-150		7/12/12 22:52

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B76-4 7.0-7.5ft Sampled: 6/27/2012 15:05

Sample ID: 12G0319-31

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	88.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-2 3.5-4.0ft | Sampled: 6/27/2012 15:30

Sample ID: 12G0319-32

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	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.3	30-150		7/13/12 10:23
Decachlorobiphenyl [2]	110	30-150		7/13/12 10:23
Tetrachloro-m-xylene [1]	92.3	30-150		7/13/12 10:23
Tetrachloro-m-xylene [2]	103	30-150		7/13/12 10:23

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-2 3.5-4.0ft Sampled: 6/27/2012 15:30

Sample ID: 12G0319-32

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	86.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-3 5.5-6.0ft | Sampled: 6/27/2012 15:35

Sample ID: 12G0319-33

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	7/11/12	7/13/12 10:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 10:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.2	30-150		7/13/12 10:36
Decachlorobiphenyl [2]	99.0	30-150		7/13/12 10:36
Tetrachloro-m-xylene [1]	74.7	30-150		7/13/12 10:36
Tetrachloro-m-xylene [2]	88.4	30-150		7/13/12 10:36

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-3 5.5-6.0ft Sampled: 6/27/2012 15:35

Sample ID: 12G0319-33

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	89.3		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-4 7.5-8.0ft | Sampled: 6/27/2012 15:40

Sample ID: 12G0319-34

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	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.3	30-150		7/12/12 23:31
Decachlorobiphenyl [2]	94.8	30-150		7/12/12 23:31
Tetrachloro-m-xylene [1]	87.9	30-150		7/12/12 23:31
Tetrachloro-m-xylene [2]	102	30-150		7/12/12 23:31

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B88-4 7.5-8.0ft Sampled: 6/27/2012 15:40

Sample ID: 12G0319-34

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	88.0		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B75-2 2.0-2.5ft | Sampled: 6/27/2012 15:48

Sample ID: 12G0319-35

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	7/11/12	7/12/12 23:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1254 [1]	0.70	0.11	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1260 [1]	0.79	0.11	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.5	30-150		7/12/12 23:44
Decachlorobiphenyl [2]	92.6	30-150		7/12/12 23:44
Tetrachloro-m-xylene [1]	82.0	30-150		7/12/12 23:44
Tetrachloro-m-xylene [2]	94.1	30-150		7/12/12 23:44

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B75-2 2.0-2.5ft | Sampled: 6/27/2012 15:48

Sample ID: 12G0319-35

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	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: 12G0319

Date Received: 7/11/2012

Field Sample #: B75-3 4.0-4.5ft | Sampled: 6/27/2012 15:15

Sample ID: 12G0319-36

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	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/11/12	7/12/12 23:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.4	30-150		7/12/12 23:56
Decachlorobiphenyl [2]	104	30-150		7/12/12 23:56
Tetrachloro-m-xylene [1]	88.2	30-150		7/12/12 23:56
Tetrachloro-m-xylene [2]	102	30-150		7/12/12 23:56

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B75-3 4.0-4.5ft Sampled: 6/27/2012 15:15

Sample ID: 12G0319-36

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	84.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-2 2.0-2.5ft Sampled: 6/27/2012 09:00

Sample ID: 12G0319-37

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	7/11/12	7/13/12 10:49	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1254 [2]	3.7	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1260 [2]	6.7	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 10:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 10:49
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 10:49
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 10:49
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 10:49

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-2 2.0-2.5ft Sampled: 6/27/2012 09:00

Sample ID: 12G0319-37

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	85.9		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-3 4.0-4.5ft | Sampled: 6/27/2012 09:15

Sample ID: 12G0319-38

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	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1254 [2]	10	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1260 [2]	9.4	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/11/12	7/13/12 11:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 11:02
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 11:02
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 11:02
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 11:02

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-3 4.0-4.5ft | Sampled: 6/27/2012 09:15

Sample ID: 12G0319-38

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	7/14/12	7/16/12 9:04	MXG

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-4 6.0-6.5ft | Sampled: 6/27/2012 09:30

Sample ID: 12G0319-39

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	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1254 [1]	0.13	0.10	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1260 [1]	0.11	0.10	mg/Kg dry	5	P-04, V-24	SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/11/12	7/13/12 0:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	100	30-150		7/13/12	0:35
Decachlorobiphenyl [2]	117	30-150		7/13/12	0:35
Tetrachloro-m-xylene [1]	104	30-150		7/13/12	0:35
Tetrachloro-m-xylene [2]	121	30-150		7/13/12	0:35

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0319

Date Received: 7/11/2012

Field Sample #: B12-4 6.0-6.5ft Sampled: 6/27/2012 09:30

Sample ID: 12G0319-39

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	95.3		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: Dup-14 | Sampled: 6/27/2012 11:40

Sample ID: 12G0319-40

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	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1221 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1232 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1242 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1248 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1254 [2]	32	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1260 [2]	65	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1262 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC
Aroclor-1268 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	7/11/12	7/13/12 11:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/13/12 11:15
Decachlorobiphenyl [2]	*	30-150	S-01	7/13/12 11:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/13/12 11:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/13/12 11:15

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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: 12G0319

Date Received: 7/11/2012

Field Sample #: Dup-14 | Sampled: 6/27/2012 11:40

Sample ID: 12G0319-40

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	83.4		% 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: 12G0319

Date Received: 7/11/2012

Field Sample #: Dup-15 | Sampled: 6/27/2012 15:30

Sample ID: 12G0319-41

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	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/11/12	7/16/12 10:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		7/16/12 10:07
Decachlorobiphenyl [2]	116	30-150		7/16/12 10:07
Tetrachloro-m-xylene [1]	92.4	30-150		7/16/12 10:07
Tetrachloro-m-xylene [2]	109	30-150		7/16/12 10:07

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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: 12G0319

Date Received: 7/11/2012

Field Sample #: Dup-15 | Sampled: 6/27/2012 15:30

Sample ID: 12G0319-41

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	86.8		% 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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0319-01 [B11-2 2.5-3.0ft]	B055096	07/14/12
12G0319-02 [B11-3 4.5-5.0ft]	B055096	07/14/12
12G0319-03 [B11-4 6.5-7.0ft]	B055096	07/14/12
12G0319-04 [B17-2 2.0-2.5ft]	B055096	07/14/12
12G0319-05 [B17-3 4.0-4.5ft]	B055096	07/14/12
12G0319-06 [B17-4 6.0-6.5ft]	B055096	07/14/12
12G0319-07 [B18-2 3.0-3.5ft]	B055096	07/14/12
12G0319-08 [B18-3 5.0-5.5ft]	B055096	07/14/12
12G0319-09 [B18-4 7.0-7.5ft]	B055096	07/14/12
12G0319-10 [B19-2 3.5-4.0ft]	B055096	07/14/12
12G0319-11 [B19-3 5.5-6.0ft]	B055096	07/14/12
12G0319-12 [B19-4 7.5-8.0ft]	B055096	07/14/12
12G0319-13 [B29-2 2.0-2.5ft]	B055096	07/14/12
12G0319-14 [B29-3 4.0-4.5ft]	B055096	07/14/12
12G0319-15 [B29-4 6.0-6.5ft]	B055096	07/14/12
12G0319-16 [B39-2 3.0-3.5ft]	B055096	07/14/12
12G0319-17 [B39-4 7.0-7.5ft]	B055096	07/14/12
12G0319-18 [B40-2 3.5-4.0ft]	B055096	07/14/12
12G0319-19 [B40-3 5.5-6.0ft]	B055096	07/14/12
12G0319-20 [B40-4 7.5-8.0ft]	B055096	07/14/12
12G0319-21 [B53-2 2.0-2.5ft]	B055096	07/14/12
12G0319-22 [B53-3 4.0-4.5ft]	B055096	07/14/12
12G0319-23 [B53-4 6.0-6.5ft]	B055096	07/14/12
12G0319-24 [B67-2 3.0-3.5ft]	B055096	07/14/12
12G0319-25 [B67-3 5.0-5.5ft]	B055096	07/14/12
12G0319-26 [B67-4 7.0-7.5ft]	B055096	07/14/12
12G0319-27 [B66-2 3.5-4.0ft]	B055096	07/14/12
12G0319-28 [B66-4 7.5-8.0ft]	B055096	07/14/12
12G0319-29 [B76-2 3.0-3.5ft]	B055096	07/14/12
12G0319-30 [B76-3 5.0-5.5ft]	B055096	07/14/12
12G0319-31 [B76-4 7.0-7.5ft]	B055096	07/14/12
12G0319-32 [B88-2 3.5-4.0ft]	B055096	07/14/12
12G0319-33 [B88-3 5.5-6.0ft]	B055096	07/14/12
12G0319-34 [B88-4 7.5-8.0ft]	B055096	07/14/12
12G0319-35 [B75-2 2.0-2.5ft]	B055096	07/14/12
12G0319-36 [B75-3 4.0-4.5ft]	B055096	07/14/12
12G0319-37 [B12-2 2.0-2.5ft]	B055096	07/14/12
12G0319-38 [B12-3 4.0-4.5ft]	B055096	07/14/12
12G0319-39 [B12-4 6.0-6.5ft]	B055096	07/14/12
12G0319-40 [Dup-14]	B055096	07/14/12
12G0319-41 [Dup-15]	B055096	07/14/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0319-01 [B11-2 2.5-3.0ft]	B054877	10.1	10.0	07/11/12
12G0319-02 [B11-3 4.5-5.0ft]	B054877	10.1	10.0	07/11/12
12G0319-03 [B11-4 6.5-7.0ft]	B054877	10.1	10.0	07/11/12
12G0319-04 [B17-2 2.0-2.5ft]	B054877	10.0	10.0	07/11/12
12G0319-05 [B17-3 4.0-4.5ft]	B054877	10.1	10.0	07/11/12
12G0319-06 [B17-4 6.0-6.5ft]	B054877	10.3	10.0	07/11/12
12G0319-07 [B18-2 3.0-3.5ft]	B054877	10.3	10.0	07/11/12
12G0319-08 [B18-3 5.0-5.5ft]	B054877	10.2	10.0	07/11/12
12G0319-09 [B18-4 7.0-7.5ft]	B054877	10.1	10.0	07/11/12

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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
12G0319-10 [B19-2 3.5-4.0ft]	B054877	10.3	10.0	07/11/12
12G0319-11 [B19-3 5.5-6.0ft]	B054877	10.1	10.0	07/11/12
12G0319-12 [B19-4 7.5-8.0ft]	B054877	10.1	10.0	07/11/12
12G0319-13 [B29-2 2.0-2.5ft]	B054877	10.3	10.0	07/11/12
12G0319-14 [B29-3 4.0-4.5ft]	B054877	10.0	10.0	07/11/12
12G0319-15 [B29-4 6.0-6.5ft]	B054877	10.3	10.0	07/11/12
12G0319-16 [B39-2 3.0-3.5ft]	B054877	10.1	10.0	07/11/12
12G0319-17 [B39-4 7.0-7.5ft]	B054877	10.3	10.0	07/11/12
12G0319-18 [B40-2 3.5-4.0ft]	B054877	10.3	10.0	07/11/12
12G0319-19 [B40-3 5.5-6.0ft]	B054877	10.3	10.0	07/11/12
12G0319-20 [B40-4 7.5-8.0ft]	B054877	10.1	10.0	07/11/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0319-21 [B53-2 2.0-2.5ft]	B054878	10.0	10.0	07/11/12
12G0319-22 [B53-3 4.0-4.5ft]	B054878	10.0	10.0	07/11/12
12G0319-23 [B53-4 6.0-6.5ft]	B054878	10.1	10.0	07/11/12
12G0319-24 [B67-2 3.0-3.5ft]	B054878	10.3	10.0	07/11/12
12G0319-25 [B67-3 5.0-5.5ft]	B054878	10.1	10.0	07/11/12
12G0319-26 [B67-4 7.0-7.5ft]	B054878	10.2	10.0	07/11/12
12G0319-27 [B66-2 3.5-4.0ft]	B054878	10.1	10.0	07/11/12
12G0319-28 [B66-4 7.5-8.0ft]	B054878	10.0	10.0	07/11/12
12G0319-29 [B76-2 3.0-3.5ft]	B054878	10.2	10.0	07/11/12
12G0319-30 [B76-3 5.0-5.5ft]	B054878	10.3	10.0	07/11/12
12G0319-31 [B76-4 7.0-7.5ft]	B054878	10.0	10.0	07/11/12
12G0319-32 [B88-2 3.5-4.0ft]	B054878	10.1	10.0	07/11/12
12G0319-33 [B88-3 5.5-6.0ft]	B054878	10.1	10.0	07/11/12
12G0319-34 [B88-4 7.5-8.0ft]	B054878	10.1	10.0	07/11/12
12G0319-35 [B75-2 2.0-2.5ft]	B054878	10.1	10.0	07/11/12
12G0319-36 [B75-3 4.0-4.5ft]	B054878	10.0	10.0	07/11/12
12G0319-37 [B12-2 2.0-2.5ft]	B054878	10.3	10.0	07/11/12
12G0319-38 [B12-3 4.0-4.5ft]	B054878	10.3	10.0	07/11/12
12G0319-39 [B12-4 6.0-6.5ft]	B054878	10.2	10.0	07/11/12
12G0319-40 [Dup-14]	B054878	10.2	10.0	07/11/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0319-41 [Dup-15]	B054881	10.2	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 B054877 - SW-846 3540C										
Blank (B054877-BLK1)				Prepared: 07/11/12 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	*0.239*		mg/Kg wet	0.200		119	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg wet	0.200		96.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		91.9	30-150			
LCS (B054877-BS1)				Prepared: 07/11/12 Analyzed: 07/12/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		99.0	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	*0.233*		mg/Kg wet	0.200		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		94.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		91.2	30-150			
LCS Dup (B054877-BSD1)				Prepared: 07/11/12 Analyzed: 07/12/12						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		104	40-140	4.68	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	6.12	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		110	40-140	2.43	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140	1.39	30	
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.200		94.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg wet	0.200		93.5	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 B054877 - SW-846 3540C											
Matrix Spike (B054877-MS1)	**Source: 12G0319-01**			Prepared: 07/11/12 Analyzed: 07/12/12							
Aroclor-1016	1.0	0.12	mg/Kg dry	0.250	0.0	**411**	*	40-140			MS-21
Aroclor-1016 [2C]	1.1	0.12	mg/Kg dry	0.250	0.0	**459**	*	40-140			MS-21
Aroclor-1260	8.6	0.12	mg/Kg dry	0.250	7.6	**368**	*	40-140			MS-19
Aroclor-1260 [2C]	7.5	0.12	mg/Kg dry	0.250	8.0	**-182**	*	40-140			MS-19
Surrogate: Decachlorobiphenyl	*0.295*		mg/Kg dry	0.250		118		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg dry	0.250		93.4		30-150			
Surrogate: Tetrachloro-m-xylene	*0.212*		mg/Kg dry	0.250		84.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.219*		mg/Kg dry	0.250		87.7		30-150			
Matrix Spike Dup (B054877-MSD1)	**Source: 12G0319-01**			Prepared: 07/11/12 Analyzed: 07/12/12							
Aroclor-1016	0.97	0.12	mg/Kg dry	0.250	0.0	**387**	*	40-140	5.89	50	MS-21
Aroclor-1016 [2C]	1.1	0.12	mg/Kg dry	0.250	0.0	**430**	*	40-140	6.40	50	MS-21
Aroclor-1260	7.3	0.12	mg/Kg dry	0.250	7.6	**-138**	*	40-140	15.9	50	MS-19
Aroclor-1260 [2C]	6.4	0.12	mg/Kg dry	0.250	8.0	**-634**	*	40-140	16.2	50	MS-19
Surrogate: Decachlorobiphenyl	*0.277*		mg/Kg dry	0.250		111		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.219*		mg/Kg dry	0.250		87.8		30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg dry	0.250		87.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg dry	0.250		90.2		30-150			
Batch B054878 - SW-846 3540C											
Blank (B054878-BLK1)				Prepared: 07/11/12 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	*0.172*		mg/Kg wet	0.200		86.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.200		94.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		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 B054878 - SW-846 3540C											
LCS (B054878-BS1)				Prepared: 07/11/12 Analyzed: 07/12/12							
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103		40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110		40-140			V-06
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		89.7		40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103		40-140			V-06
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.6		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101		30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg wet	0.200		104		30-150			
LCS Dup (B054878-BSD1)				Prepared: 07/11/12 Analyzed: 07/12/12							
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103		40-140	0.419	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110		40-140	0.288	30	V-06
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.6		40-140	2.15	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105		40-140	1.85	30	V-06
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.8		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103		30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		87.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.203*		mg/Kg wet	0.200		102		30-150			
Matrix Spike (B054878-MS1)	**Source: 12G0319-21**			Prepared: 07/11/12 Analyzed: 07/13/12							
Aroclor-1016	0.29	0.12	mg/Kg dry	0.238	0.0	121		40-140			
Aroclor-1016 [2C]	0.38	0.12	mg/Kg dry	0.238	0.0	**158**	*	40-140			MS-21, V-06
Aroclor-1260	1.1	0.12	mg/Kg dry	0.238	0.35	**300**	*	40-140			MS-22
Aroclor-1260 [2C]	1.2	0.12	mg/Kg dry	0.238	0.43	**328**	*	40-140			MS-22, V-06
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg dry	0.238		89.1		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.243*		mg/Kg dry	0.238		102		30-150			
Surrogate: Tetrachloro-m-xylene	*0.223*		mg/Kg dry	0.238		93.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.258*		mg/Kg dry	0.238		108		30-150			
Matrix Spike Dup (B054878-MSD1)	**Source: 12G0319-21**			Prepared: 07/11/12 Analyzed: 07/13/12							
Aroclor-1016	0.27	0.12	mg/Kg dry	0.238	0.0	115		40-140	4.88	50	
Aroclor-1016 [2C]	0.33	0.12	mg/Kg dry	0.238	0.0	139		40-140	13.0	50	V-06
Aroclor-1260	0.66	0.12	mg/Kg dry	0.238	0.35	129		40-140	47.4	50	
Aroclor-1260 [2C]	0.74	0.12	mg/Kg dry	0.238	0.43	131		40-140	47.9	50	V-06
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg dry	0.238		89.5		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.243*		mg/Kg dry	0.238		102		30-150			
Surrogate: Tetrachloro-m-xylene	*0.220*		mg/Kg dry	0.238		92.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.255*		mg/Kg dry	0.238		107		30-150			
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								

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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-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

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 B055096 - % Solids										
Duplicate (B055096-DUP1)	**Source: 12G0319-04**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	84.1		% Wt		81.5			3.14	20	
Duplicate (B055096-DUP2)	**Source: 12G0319-03**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	88.7		% Wt		89.7			1.12	20	
Duplicate (B055096-DUP3)	**Source: 12G0319-02**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	93.7		% Wt		94.5			0.850	20	
Duplicate (B055096-DUP4)	**Source: 12G0319-01**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	82.4		% Wt		79.3			3.83	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.
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.
P-04	Due to continuing calibration non-conformance on the confirmatory detector, the lower of two results was reported.
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.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-24	Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.

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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	07/30/2013
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

12F0319

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CHAIN OF CUSTODY RECORD

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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

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 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-01	B11-2 (2.5-3.0)	6/27/12	0810		x	S	U	✓	✓			
-02	B11-3 (4.5-5.0)		0815					✓	✓			
-03	B11-4 (6.5-7.0)		0818					✓	✓			
	B11-5 (8.5-9.0)		0820						✓			
37	B12-2 (2.0-2.5)		0900					✓	✓			
38	B12-3 (4.0-4.5)		0915					✓	✓			
39	B12-4 (6.0-6.5)		0930					✓	✓			
	B12-5 (8.0-8.5)		0935						✓			
-04	B17-2 (2.0-2.5)		0956					✓	✓			
-05	B17-3 (4.0-4.5)		0958					✓	✓			

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:
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:
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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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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
-06	B17-4 (6.0-6.5)	6/27/12	1000		X	S	U	✓	✓	1	I	A
	B17-5 (8.0-8.5)		1002						✓			
-07	B18-2 (3.0-3.5')		1006					✓	✓			
-08	B18-3 (5.0-5.5)		1008					✓	✓			
-09	B18-4 (7.0-7.5)		1010					✓	✓			
	B18-5 (9.0-9.5)		1012						✓			
-10	B19-2 (3.5-4.0)		1016					✓	✓			
-11	B19-3 (5.5-6.0)		1018					✓	✓			
-12	B19-4 (7.5-8.0)		1020					✓	✓			
	B19-5 (9.5-10.0)		1022						✓			

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:
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:
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

†† 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 3 of 6

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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
	B28-3 (4.5-5.0)	6/27/12	1050		x	s	U		✓	1	I	A
-13	B29-2 (2.0-2.5)		1130					✓	✓	1	I	A
-14/40	B29-3 (4.0-4.5) / DUP-14		1140					✓	✓	1	I	A
-15	B29-4 (6.0-6.5)		1150					✓	✓	1	I	A
	B29-5 (8.0-8.5)		1200						✓	1	I	A
-16	B39-2 (3.0-3.5)		1310					✓	✓	1	I	A
-17	B39-4 (7.0-7.5)		1314					✓	✓	1	I	A
-18	B40-2 (3.5-4.0)		1320					✓	✓	1	I	A
-19	B40-3 (5.5-6.0)		1322					✓	✓	1	I	A
-20	B40-4 (7.5-8.0)		1324					✓	✓	1	I	A

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:
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:
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

†† 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

12F0319

CHAIN OF CUSTODY RECORD

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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

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	# of Containers	** Preservation	***Container Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)
	B40-5 (9.5-10.0)	6/27/12	1326		X	S	U	1	I	A		✓
-21	B53-2 (2.0-2.5)		1330								✓	✓
-22	B53-3 (4.0-4.5)		1332								✓	✓
-23	B53-4 (6.0-6.5)		1334								✓	✓
	B53-5 (8.0-8.5)		1336									✓
-24	B67-2 (3.0-3.5)		1340								✓	✓
-25	B67-3 (5.0-5.5)		1342								✓	✓
-26	B67-4 (7.0-7.5)		1344								✓	✓
	B67-5 (9.0-9.5)		1348									✓
-27	B66-2 (3.5-4.0)		1352								✓	✓

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:
J Wolgram 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

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
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Page 5 of 6

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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

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)	# of Containers	** Preservation	***Container Code
28	B66-4 (7.5-8.0)	6/27/12	1356		x	s	U	✓	✓			
	B66-5 (9.5-10.0)		1358						✓			
-29	B76-2 (3.0-3.5)		1455					✓	✓			
-30	B76-3 (5.0-5.5)		1500					✓	✓			
-31	B76-4 (7.0-7.5)		1505					✓	✓			
	B76-5 (9.0-9.5)		1510						✓			
-32/-41	B88-2 (3.5-4.0) / DUP-15		1530					✓	✓			
-33	B88-3 (5.5-6.0)		1535					✓	✓			
-34	B88-4 (7.5-8.0)		1540					✓	✓			
	B88-5 (9.5-10.0)		1545						✓			

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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Comments:
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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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Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
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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	# of Containers	** Preservation	***Container Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)
35	B75-2 (2.0-2.5)	6/27/12	1548		x	s	U	1		A	✓	✓
36	B75-3 (4.0-4.5)		1515					1		A	✓	✓

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
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Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
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F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY



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, 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

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: 12G0319

Laboratory Sample ID(s):
12G0319-01 thru 12G0319-41

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

August 2, 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: 12G0384

Enclosed are results of analyses for samples received by the laboratory on July 12, 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: 8/2/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0384

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
B96-3 4.0-4.5	12G0384-01	Soil		SM 2540G	
				SW-846 8082A	
B96-4 6.0-6.5	12G0384-02	Soil		SM 2540G	
				SW-846 8082A	
B93-2 2.5-3.0	12G0384-03	Soil		SM 2540G	
				SW-846 8082A	
B93-3 4.5-5.0	12G0384-04	Soil		SM 2540G	
				SW-846 8082A	
B94-2 3.0-3.5	12G0384-05	Soil		SM 2540G	
				SW-846 8082A	
B94-3 5.0-5.5	12G0384-06	Soil		SM 2540G	
				SW-846 8082A	
B87-3 5.5-6.0	12G0384-07	Soil		SM 2540G	
				SW-846 8082A	
B87-4 7.5-8.0	12G0384-08	Soil		SM 2540G	
				SW-846 8082A	
B87-5 9.5-10	12G0384-09	Soil		SM 2540G	
				SW-846 8082A	
B97-3 4.0-4.5	12G0384-10	Soil		SM 2540G	
				SW-846 8082A	
B97-4 6.0-6.5	12G0384-11	Soil		SM 2540G	
				SW-846 8082A	
B92-2 2.5-3.0	12G0384-12	Soil		SM 2540G	
				SW-846 8082A	
B92-3 5.0-5.5	12G0384-13	Soil		SM 2540G	
				SW-846 8082A	
B92-4 7.0-7.5	12G0384-14	Soil		SM 2540G	
				SW-846 8082A	
B84-2 3.0-3.5	12G0384-15	Soil		SM 2540G	
				SW-846 8082A	
B84-3 5.0-5.5	12G0384-16	Soil		SM 2540G	
				SW-846 8082A	
B80-2 3.5-4.0	12G0384-17	Soil		SM 2540G	
				SW-846 8082A	
B80-3 5.5-6.0	12G0384-18	Soil		SM 2540G	
				SW-846 8082A	
B71-2 2.0-2.5	12G0384-19	Soil		SM 2540G	
				SW-846 8082A	
B71-3 4.0-4.5	12G0384-20	Soil		SM 2540G	
				SW-846 8082A	

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

REPORT DATE: 8/2/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0384

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
B61-3 4.5-5.0	12G0384-21	Soil		SM 2540G	
				SW-846 8082A	
B61-4 6.5-7.0	12G0384-22	Soil		SM 2540G	
				SW-846 8082A	
B57-5 9.0-9.5	12G0384-23	Soil		SM 2540G	
				SW-846 8082A	
B56-5 8.0-8.5	12G0384-24	Soil		SM 2540G	
				SW-846 8082A	
B60-3 4.0-4.5	12G0384-25	Soil		SM 2540G	
				SW-846 8082A	
B60-4 6.0-6.5	12G0384-26	Soil		SM 2540G	
				SW-846 8082A	
B70-2 2.0-2.5	12G0384-27	Soil		SM 2540G	
				SW-846 8082A	
B70-3 4.0-4.5	12G0384-28	Soil		SM 2540G	
				SW-846 8082A	
Dup-16	12G0384-29	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.

Revised report on 08/02/2012; Result for Aroclor 1260 for the undiluted analysis of 12G0384-12 was added to the report.

Due to surrogate and LCS non-conformances, samples 12G0384-01 thru -20 were re-extracted past hold.
Samples were received on the last day of method holding time.

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SW-846 8082A

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]

12G0384-01[B96-3 4.0-4.5], 12G0384-02[B96-4 6.0-6.5], 12G0384-03[B93-2 2.5-3.0], 12G0384-04[B93-3 4.5-5.0], 12G0384-05[B94-2 3.0-3.5], 12G0384-06[B94-3 5.0-5.5], 12G0384-07[B87-3 5.5-6.0], 12G0384-08[B87-4 7.5-8.0], 12G0384-09[B87-5 9.5-10], 12G0384-10[B97-3 4.0-4.5], 12G0384-11[B97-4 6.0-6.5], 12G0384-12[B92-2 2.5-3.0], 12G0384-13[B92-3 5.0-5.5], 12G0384-14[B92-4 7.0-7.5], 12G0384-15[B84-2 3.0-3.5], 12G0384-16[B84-3 5.0-5.5], 12G0384-17[B80-2 3.5-4.0], 12G0384-18[B80-3 5.5-6.0], 12G0384-19[B71-2 2.0-2.5], 12G0384-20[B71-3 4.0-4.5], B055005-BLK1, B055005-BS1, B055005-BSD1, B055005-MS1, B055005-MSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1260, Aroclor-1260 [2C]

12G0384-01[B96-3 4.0-4.5], 12G0384-02[B96-4 6.0-6.5], 12G0384-03[B93-2 2.5-3.0], 12G0384-04[B93-3 4.5-5.0], 12G0384-05[B94-2 3.0-3.5], 12G0384-06[B94-3 5.0-5.5], 12G0384-07[B87-3 5.5-6.0], 12G0384-08[B87-4 7.5-8.0], 12G0384-09[B87-5 9.5-10], 12G0384-10[B97-3 4.0-4.5], 12G0384-11[B97-4 6.0-6.5], 12G0384-12[B92-2 2.5-3.0], 12G0384-13[B92-3 5.0-5.5], 12G0384-14[B92-4 7.0-7.5], 12G0384-15[B84-2 3.0-3.5], 12G0384-16[B84-3 5.0-5.5], 12G0384-17[B80-2 3.5-4.0], 12G0384-18[B80-3 5.5-6.0], 12G0384-19[B71-2 2.0-2.5], 12G0384-20[B71-3 4.0-4.5], B055005-BLK1, B055005-BS1, B055005-BSD1, B055005-MS1, B055005-MSD1

Due to continuing calibration non-conformance on the confirmatory detector, the lower of two results was reported.

Analyte & Samples(s) Qualified:

Aroclor-1260

12G0384-03[B93-2 2.5-3.0], 12G0384-12[B92-2 2.5-3.0]

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]

12G0384-01[B96-3 4.0-4.5], 12G0384-02[B96-4 6.0-6.5], 12G0384-03[B93-2 2.5-3.0], 12G0384-04[B93-3 4.5-5.0], 12G0384-05[B94-2 3.0-3.5], 12G0384-06[B94-3 5.0-5.5], 12G0384-07[B87-3 5.5-6.0], 12G0384-08[B87-4 7.5-8.0], 12G0384-09[B87-5 9.5-10], 12G0384-10[B97-3 4.0-4.5], 12G0384-11[B97-4 6.0-6.5], 12G0384-12[B92-2 2.5-3.0], 12G0384-13[B92-3 5.0-5.5], 12G0384-14[B92-4 7.0-7.5], 12G0384-15[B84-2 3.0-3.5], 12G0384-16[B84-3 5.0-5.5], 12G0384-17[B80-2 3.5-4.0], 12G0384-18[B80-3 5.5-6.0], 12G0384-19[B71-2 2.0-2.5], 12G0384-20[B71-3 4.0-4.5], B055005-BLK1, B055005-BS1, B055005-BSD1, B055005-MS1, B055005-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]

12G0384-12RE1[B92-2 2.5-3.0]

Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits. Data from analysis performed outside of holding time is also reported since surrogate recovery is acceptable.

Analyte & Samples(s) Qualified:

12G0384-03[B93-2 2.5-3.0]

Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.

Analyte & Samples(s) Qualified:

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

12G0384-01[B96-3 4.0-4.5], 12G0384-11[B97-4 6.0-6.5], 12G0384-14[B92-4 7.0-7.5], 12G0384-18[B80-3 5.5-6.0], 12G0384-24[B56-5 8.0-8.5], 12G0384-28[B70-3 4.0-4.5], B055005-BLK1

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Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260 [2C]

B055005-BS1, B055005-BSD1, B055005-MS1, B055005-MSD1, B055006-BS1, B055006-BSD1

Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.

Analyte & Samples(s) Qualified:

Aroclor-1260

12G0384-03[B93-2 2.5-3.0]

Sample was re-extracted outside holding time with acceptable results.

Analyte & Samples(s) Qualified:

12G0384-17RE1[B80-2 3.5-4.0]

Sample was re-extracted outside of holding time with acceptable results.

Analyte & Samples(s) Qualified:

12G0384-01RE1[B96-3 4.0-4.5], 12G0384-02RE1[B96-4 6.0-6.5], 12G0384-03RE1[B93-2 2.5-3.0], 12G0384-04RE1[B93-3 4.5-5.0], 12G0384-05RE1[B94-2 3.0-3.5], 12G0384-06RE1[B94-3 5.0-5.5], 12G0384-07RE1[B87-3 5.5-6.0], 12G0384-08RE1[B87-4 7.5-8.0], 12G0384-09RE1[B87-5 9.5-10], 12G0384-10RE1[B97-3 4.0-4.5], 12G0384-11RE1[B97-4 6.0-6.5], 12G0384-12RE1[B92-2 2.5-3.0], 12G0384-13RE1[B92-3 5.0-5.5], 12G0384-14RE1[B92-4 7.0-7.5], 12G0384-15RE1[B84-2 3.0-3.5], 12G0384-16RE1[B84-3 5.0-5.5], 12G0384-18RE1[B80-3 5.5-6.0], 12G0384-19RE1[B71-2 2.0-2.5], 12G0384-20RE1[B71-3 4.0-4.5]

Surrogate recovery is outside of control limits in BS/MS spiked sample.

Analyte & Samples(s) Qualified:

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

B055005-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.



Daren J. Damboragian
Laboratory Manager

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B96-3 4.0-4.5 Sampled: 6/28/2012 08:34

Sample ID: 12G0384-01

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	L-07A	SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:30	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:25	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	**241**	*	30-150	S-17	7/17/12 17:30
Decachlorobiphenyl [1]	95.0		30-150		7/20/12 22:25
Decachlorobiphenyl [2]	**196**	*	30-150	S-17	7/17/12 17:30
Decachlorobiphenyl [2]	99.6		30-150		7/20/12 22:25
Tetrachloro-m-xylene [1]	**204**	*	30-150	S-17	7/17/12 17:30
Tetrachloro-m-xylene [1]	86.1		30-150		7/20/12 22:25
Tetrachloro-m-xylene [2]	**210**	*	30-150	S-17	7/17/12 17:30
Tetrachloro-m-xylene [2]	89.6		30-150		7/20/12 22:25

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B96-3 4.0-4.5 Sampled: 6/28/2012 08:34

Sample ID: 12G0384-01

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	85.2		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B96-4 6.0-6.5 Sampled: 6/28/2012 08:36

Sample ID: 12G0384-02

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 22:38	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:42	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	131	30-150		7/17/12 17:42
Decachlorobiphenyl [1]	97.6	30-150		7/20/12 22:38
Decachlorobiphenyl [2]	109	30-150		7/17/12 17:42
Decachlorobiphenyl [2]	103	30-150		7/20/12 22:38
Tetrachloro-m-xylene [1]	102	30-150		7/17/12 17:42
Tetrachloro-m-xylene [1]	90.5	30-150		7/20/12 22:38
Tetrachloro-m-xylene [2]	108	30-150		7/17/12 17:42
Tetrachloro-m-xylene [2]	93.5	30-150		7/20/12 22:38

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B96-4 6.0-6.5 Sampled: 6/28/2012 08:36

Sample ID: 12G0384-02

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	83.3		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B93-2 2.5-3.0 Sampled: 6/28/2012 08:42

Sample ID: 12G0384-03

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 22:51	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1260 [1]	0.49	0.11	mg/Kg dry	5	L-07A, P-04, V-24	SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1260 [2]	0.19	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 22:51	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 17:55	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.8		30-150		7/20/12 22:51
Decachlorobiphenyl [1]	**216**	*	30-150		7/17/12 17:55
Decachlorobiphenyl [2]	86.7		30-150		7/20/12 22:51
Decachlorobiphenyl [2]	**179**	*	30-150		7/17/12 17:55
Tetrachloro-m-xylene [1]	78.2		30-150		7/20/12 22:51
Tetrachloro-m-xylene [1]	**177**	*	30-150		7/17/12 17:55
Tetrachloro-m-xylene [2]	79.4		30-150		7/20/12 22:51
Tetrachloro-m-xylene [2]	**184**	*	30-150		7/17/12 17:55

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B93-2 2.5-3.0 Sampled: 6/28/2012 08:42

Sample ID: 12G0384-03

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	87.2		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B93-3 4.5-5.0 Sampled: 6/28/2012 08:44

Sample ID: 12G0384-04

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 23:04	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:07	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		7/17/12 18:07
Decachlorobiphenyl [1]	93.6	30-150		7/20/12 23:04
Decachlorobiphenyl [2]	98.7	30-150		7/20/12 23:04
Decachlorobiphenyl [2]	93.4	30-150		7/17/12 18:07
Tetrachloro-m-xylene [1]	87.4	30-150		7/20/12 23:04
Tetrachloro-m-xylene [1]	89.9	30-150		7/17/12 18:07
Tetrachloro-m-xylene [2]	91.0	30-150		7/20/12 23:04
Tetrachloro-m-xylene [2]	93.8	30-150		7/17/12 18:07

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B93-3 4.5-5.0 Sampled: 6/28/2012 08:44

Sample ID: 12G0384-04

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	82.5		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B94-2 3.0-3.5 Sampled: 6/28/2012 09:00

Sample ID: 12G0384-05

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 23:16	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1254 [1]	0.77	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1254 [1]	0.22	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1260 [2]	1.3	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1260 [2]	0.62	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:16	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.6	30-150		7/20/12 23:16
Decachlorobiphenyl [1]	118	30-150		7/17/12 18:20
Decachlorobiphenyl [2]	99.1	30-150		7/20/12 23:16
Decachlorobiphenyl [2]	93.1	30-150		7/17/12 18:20
Tetrachloro-m-xylene [1]	92.5	30-150		7/20/12 23:16
Tetrachloro-m-xylene [1]	97.0	30-150		7/17/12 18:20
Tetrachloro-m-xylene [2]	95.5	30-150		7/20/12 23:16
Tetrachloro-m-xylene [2]	99.8	30-150		7/17/12 18:20

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B94-2 3.0-3.5 Sampled: 6/28/2012 09:00

Sample ID: 12G0384-05

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	90.4		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B94-3 5.0-5.5 Sampled: 6/28/2012 09:10

Sample ID: 12G0384-06

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 23:29	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1260 [2]	0.14	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:29	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.7	30-150		7/20/12 23:29
Decachlorobiphenyl [1]	117	30-150		7/17/12 18:32
Decachlorobiphenyl [2]	82.9	30-150		7/20/12 23:29
Decachlorobiphenyl [2]	92.5	30-150		7/17/12 18:32
Tetrachloro-m-xylene [1]	76.1	30-150		7/20/12 23:29
Tetrachloro-m-xylene [1]	91.9	30-150		7/17/12 18:32
Tetrachloro-m-xylene [2]	94.7	30-150		7/17/12 18:32
Tetrachloro-m-xylene [2]	75.9	30-150		7/20/12 23:29

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B94-3 5.0-5.5 Sampled: 6/28/2012 09:10

Sample ID: 12G0384-06

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	80.7		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-3 5.5-6.0 Sampled: 6/28/2012 09:44

Sample ID: 12G0384-07

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/20/12 23:42	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		7/17/12 18:44
Decachlorobiphenyl [1]	94.9	30-150		7/20/12 23:42
Decachlorobiphenyl [2]	87.3	30-150		7/17/12 18:44
Decachlorobiphenyl [2]	98.4	30-150		7/20/12 23:42
Tetrachloro-m-xylene [1]	81.9	30-150		7/17/12 18:44
Tetrachloro-m-xylene [1]	86.1	30-150		7/20/12 23:42
Tetrachloro-m-xylene [2]	85.3	30-150		7/17/12 18:44
Tetrachloro-m-xylene [2]	89.6	30-150		7/20/12 23:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-3 5.5-6.0 Sampled: 6/28/2012 09:44

Sample ID: 12G0384-07

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	89.6		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-4 7.5-8.0 Sampled: 6/28/2012 09:46

Sample ID: 12G0384-08

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	L-07A	SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/20/12 23:55	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 18:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	118	30-150		7/17/12 18:57
Decachlorobiphenyl [1]	91.2	30-150		7/20/12 23:55
Decachlorobiphenyl [2]	95.8	30-150		7/17/12 18:57
Decachlorobiphenyl [2]	95.2	30-150		7/20/12 23:55
Tetrachloro-m-xylene [1]	91.0	30-150		7/17/12 18:57
Tetrachloro-m-xylene [1]	87.1	30-150		7/20/12 23:55
Tetrachloro-m-xylene [2]	94.9	30-150		7/17/12 18:57
Tetrachloro-m-xylene [2]	91.0	30-150		7/20/12 23:55

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-4 7.5-8.0 Sampled: 6/28/2012 09:46

Sample ID: 12G0384-08

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	80.5		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-5 9.5-10 Sampled: 6/28/2012 09:56

Sample ID: 12G0384-09

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	L-07A	SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:09	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		7/17/12 19:09
Decachlorobiphenyl [1]	93.0	30-150		7/21/12 0:07
Decachlorobiphenyl [2]	95.0	30-150		7/17/12 19:09
Decachlorobiphenyl [2]	97.2	30-150		7/21/12 0:07
Tetrachloro-m-xylene [1]	94.7	30-150		7/17/12 19:09
Tetrachloro-m-xylene [1]	87.2	30-150		7/21/12 0:07
Tetrachloro-m-xylene [2]	91.5	30-150		7/21/12 0:07
Tetrachloro-m-xylene [2]	98.9	30-150		7/17/12 19:09

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B87-5 9.5-10 Sampled: 6/28/2012 09:56

Sample ID: 12G0384-09

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	81.6		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B97-3 4.0-4.5 Sampled: 6/28/2012 09:54

Sample ID: 12G0384-10

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	L-07A	SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1260 [2]	0.69	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1260 [2]	1.3	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:46	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		7/21/12 0:46
Decachlorobiphenyl [1]	129	30-150		7/17/12 19:47
Decachlorobiphenyl [2]	99.4	30-150		7/17/12 19:47
Decachlorobiphenyl [2]	109	30-150		7/21/12 0:46
Tetrachloro-m-xylene [1]	95.5	30-150		7/17/12 19:47
Tetrachloro-m-xylene [1]	91.2	30-150		7/21/12 0:46
Tetrachloro-m-xylene [2]	101	30-150		7/21/12 0:46
Tetrachloro-m-xylene [2]	98.2	30-150		7/17/12 19:47

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B97-3 4.0-4.5 Sampled: 6/28/2012 09:54

Sample ID: 12G0384-10

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	85.0		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B97-4 6.0-6.5 Sampled: 6/28/2012 09:56

Sample ID: 12G0384-11

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/21/12 0:58	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 19:59	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 0:58	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.9		30-150		7/21/12 0:58
Decachlorobiphenyl [1]	**261**	*	30-150	S-17	7/17/12 19:59
Decachlorobiphenyl [2]	**208**	*	30-150	S-17	7/17/12 19:59
Decachlorobiphenyl [2]	96.4		30-150		7/21/12 0:58
Tetrachloro-m-xylene [1]	**208**	*	30-150	S-17	7/17/12 19:59
Tetrachloro-m-xylene [1]	87.3		30-150		7/21/12 0:58
Tetrachloro-m-xylene [2]	**213**	*	30-150	S-17	7/17/12 19:59
Tetrachloro-m-xylene [2]	91.0		30-150		7/21/12 0:58

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B97-4 6.0-6.5 Sampled: 6/28/2012 09:56

Sample ID: 12G0384-11

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	83.3		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-2 2.5-3.0 Sampled: 6/28/2012 10:02

Sample ID: 12G0384-12

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/21/12 14:34	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1254 [1]	0.51	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1260 [1]	1.0	0.11	mg/Kg dry	5	L-07A, P-04	SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1260 [2]	1.9	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:11	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	7/19/12	7/21/12 14:34	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	121		30-150		7/17/12 20:11
Decachlorobiphenyl [1]		*	30-150	S-01	7/21/12 14:34
Decachlorobiphenyl [2]	90.8		30-150		7/17/12 20:11
Decachlorobiphenyl [2]		*	30-150	S-01	7/21/12 14:34
Tetrachloro-m-xylene [1]	92.2		30-150		7/17/12 20:11
Tetrachloro-m-xylene [1]		*	30-150	S-01	7/21/12 14:34
Tetrachloro-m-xylene [2]	94.1		30-150		7/17/12 20:11
Tetrachloro-m-xylene [2]		*	30-150	S-01	7/21/12 14:34

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-2 2.5-3.0 Sampled: 6/28/2012 10:02

Sample ID: 12G0384-12

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	89.5		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-3 5.0-5.5 Sampled: 6/28/2012 10:04

Sample ID: 12G0384-13

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	L-07A	SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:24	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:24	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		7/17/12 20:24
Decachlorobiphenyl [1]	94.4	30-150		7/21/12 1:24
Decachlorobiphenyl [2]	97.6	30-150		7/17/12 20:24
Decachlorobiphenyl [2]	97.2	30-150		7/21/12 1:24
Tetrachloro-m-xylene [1]	96.4	30-150		7/17/12 20:24
Tetrachloro-m-xylene [1]	92.8	30-150		7/21/12 1:24
Tetrachloro-m-xylene [2]	98.8	30-150		7/17/12 20:24
Tetrachloro-m-xylene [2]	96.5	30-150		7/21/12 1:24

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-3 5.0-5.5 Sampled: 6/28/2012 10:04

Sample ID: 12G0384-13

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	82.0		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-4 7.0-7.5 Sampled: 6/28/2012 10:06

Sample ID: 12G0384-14

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	L-07A	SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:36	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:36	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.9		30-150		7/21/12 1:36
Decachlorobiphenyl [1]	**226**	*	30-150	S-17	7/17/12 20:36
Decachlorobiphenyl [2]	95.0		30-150		7/21/12 1:36
Decachlorobiphenyl [2]	**180**	*	30-150	S-17	7/17/12 20:36
Tetrachloro-m-xylene [1]	88.7		30-150		7/21/12 1:36
Tetrachloro-m-xylene [1]	**181**	*	30-150	S-17	7/17/12 20:36
Tetrachloro-m-xylene [2]	92.4		30-150		7/21/12 1:36
Tetrachloro-m-xylene [2]	**187**	*	30-150	S-17	7/17/12 20:36

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B92-4 7.0-7.5 Sampled: 6/28/2012 10:06

Sample ID: 12G0384-14

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	86.1		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B84-2 3.0-3.5 Sampled: 6/28/2012 10:15

Sample ID: 12G0384-15

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	L-07A	SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 1:49	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 20:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		7/21/12 1:49
Decachlorobiphenyl [1]	135	30-150		7/17/12 20:49
Decachlorobiphenyl [2]	102	30-150		7/21/12 1:49
Decachlorobiphenyl [2]	107	30-150		7/17/12 20:49
Tetrachloro-m-xylene [1]	92.2	30-150		7/21/12 1:49
Tetrachloro-m-xylene [1]	105	30-150		7/17/12 20:49
Tetrachloro-m-xylene [2]	96.1	30-150		7/21/12 1:49
Tetrachloro-m-xylene [2]	107	30-150		7/17/12 20:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B84-2 3.0-3.5 Sampled: 6/28/2012 10:15

Sample ID: 12G0384-15

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	90.2		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B84-3 5.0-5.5 Sampled: 6/28/2012 10:20

Sample ID: 12G0384-16

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/21/12 2:02	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		7/21/12 2:02
Decachlorobiphenyl [1]	145	30-150		7/17/12 21:01
Decachlorobiphenyl [2]	102	30-150		7/21/12 2:02
Decachlorobiphenyl [2]	117	30-150		7/17/12 21:01
Tetrachloro-m-xylene [1]	91.7	30-150		7/21/12 2:02
Tetrachloro-m-xylene [1]	116	30-150		7/17/12 21:01
Tetrachloro-m-xylene [2]	119	30-150		7/17/12 21:01
Tetrachloro-m-xylene [2]	95.6	30-150		7/21/12 2:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B84-3 5.0-5.5 Sampled: 6/28/2012 10:20

Sample ID: 12G0384-16

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	88.6		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B80-2 3.5-4.0 Sampled: 6/28/2012 11:02

Sample ID: 12G0384-17

Sample Matrix: Soil

Sample Flags: Z-01

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	7/20/12	7/23/12 11:42	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/20/12	7/23/12 11:42	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.6	30-150		7/23/12 11:42
Decachlorobiphenyl [1]	115	30-150		7/17/12 21:13
Decachlorobiphenyl [2]	103	30-150		7/23/12 11:42
Decachlorobiphenyl [2]	92.3	30-150		7/17/12 21:13
Tetrachloro-m-xylene [1]	88.2	30-150		7/23/12 11:42
Tetrachloro-m-xylene [1]	87.8	30-150		7/17/12 21:13
Tetrachloro-m-xylene [2]	91.2	30-150		7/23/12 11:42
Tetrachloro-m-xylene [2]	89.4	30-150		7/17/12 21:13

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B80-2 3.5-4.0 Sampled: 6/28/2012 11:02

Sample ID: 12G0384-17

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	89.5		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B80-3 5.5-6.0 Sampled: 6/28/2012 11:04

Sample ID: 12G0384-18

Sample Matrix: Soil

Sample Flags: Z-01a

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	7/19/12	7/21/12 2:15	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:15	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:26	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.8		30-150		7/21/12 2:15
Decachlorobiphenyl [1]	**152**	*	30-150	S-17	7/17/12 21:26
Decachlorobiphenyl [2]	97.9		30-150		7/21/12 2:15
Decachlorobiphenyl [2]	121		30-150		7/17/12 21:26
Tetrachloro-m-xylene [1]	91.1		30-150		7/21/12 2:15
Tetrachloro-m-xylene [1]	118		30-150		7/17/12 21:26
Tetrachloro-m-xylene [2]	94.8		30-150		7/21/12 2:15
Tetrachloro-m-xylene [2]	121		30-150		7/17/12 21:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B80-3 5.5-6.0 Sampled: 6/28/2012 11:04

Sample ID: 12G0384-18

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	89.7		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B71-2 2.0-2.5 Sampled: 6/28/2012 11:12

Sample ID: 12G0384-19

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	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:27	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/21/12 2:27
Decachlorobiphenyl [1]	140	30-150		7/17/12 21:38
Decachlorobiphenyl [2]	110	30-150		7/17/12 21:38
Decachlorobiphenyl [2]	103	30-150		7/21/12 2:27
Tetrachloro-m-xylene [1]	92.3	30-150		7/21/12 2:27
Tetrachloro-m-xylene [1]	110	30-150		7/17/12 21:38
Tetrachloro-m-xylene [2]	96.1	30-150		7/21/12 2:27
Tetrachloro-m-xylene [2]	113	30-150		7/17/12 21:38

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B71-2 2.0-2.5 Sampled: 6/28/2012 11:12

Sample ID: 12G0384-19

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	86.1		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG