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

Project Location: Durham, CT | Sample Description: | Work Order: 18K0972

Date Received: 11/21/2018

Field Sample #: DUP-4 | Sampled: 11/20/2018 00:00

Sample ID: 18K0972-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.5		% Wt	1		SM 2540G	11/26/18	11/26/18 23:20	AVF

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
18K0972-01 [GP-1 (6-7)]	B217826	11/26/18
18K0972-02 [GP-2 (6-7)]	B217826	11/26/18
18K0972-03 [GP-3 (6-7)]	B217826	11/26/18
18K0972-04 [GP-4 (6-7)]	B217826	11/26/18
18K0972-05 [GP-5 (6-7)]	B217826	11/26/18
18K0972-06 [GP-6 (6-7)]	B217826	11/26/18
18K0972-07 [DUP-4]	B217826	11/26/18

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
18K0972-01 [GP-1 (6-7)]	B217770	10.2	10.0	11/24/18
18K0972-02 [GP-2 (6-7)]	B217770	10.6	10.0	11/24/18
18K0972-03 [GP-3 (6-7)]	B217770	10.6	10.0	11/24/18
18K0972-04 [GP-4 (6-7)]	B217770	10.5	10.0	11/24/18
18K0972-05 [GP-5 (6-7)]	B217770	10.8	10.0	11/24/18
18K0972-06 [GP-6 (6-7)]	B217770	10.7	10.0	11/24/18
18K0972-07 [DUP-4]	B217770	10.9	10.0	11/24/18

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 B217770 - SW-846 3540C										
Blank (B217770-BLK1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.142*		mg/Kg wet	0.200		71.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.126*		mg/Kg wet	0.200		63.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.134*		mg/Kg wet	0.200		67.1	30-150			
LCS (B217770-BS1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	0.13	0.020	mg/Kg wet	0.200		65.8	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		78.2	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		69.0	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7	40-140			
Surrogate: Decachlorobiphenyl	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.148*		mg/Kg wet	0.200		73.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.158*		mg/Kg wet	0.200		79.1	30-150			
LCS Dup (B217770-BSD1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		74.7	40-140	12.7	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		88.5	40-140	12.4	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.2	40-140	12.5	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		89.4	40-140	14.0	30	
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.161*		mg/Kg wet	0.200		80.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.173*		mg/Kg wet	0.200		86.5	30-150			

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

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 B217826 - % Solids										
Duplicate (B217826-DUP3)	**Source: 18K0972-03**			Prepared & Analyzed: 11/26/18						
% Solids	82.9		% Wt		84.1			1.50	20	
Duplicate (B217826-DUP7)	**Source: 18K0972-04**			Prepared & Analyzed: 11/26/18						
% Solids	83.9		% Wt		83.1			0.963	20	

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B217770-BS1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.13	
	2	0.000	-0.030	0.030	0.16	20.7
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.16	13.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B217770-BSD1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.18	18.2
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.18	11.8

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

1EK0972

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

MEK

Company Name: Weston & Sampson
Address: 273 Diamond Rd
Phone: 1 800 SAMPSON
Project Name: Parsons Ln
Project Location: Durham CT
Project Number:
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient: Jeff Willson
Sampled By: RJB

Regulatory Compliance Status
7-Day ☐ 10-Day ☐
Due Date:

Data Approval Required
1-Day ☐ 3-Day ☒
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCB (Soxhlet)	# of Containers	[2] Preservation Code	[3] Container Code
01	GP-1 (6-7')	11/20	1200		X	S	4	X			
02	GP-2 (6-7')		1230					X			
03	GP-3 (6-7')		1300					X			
04	GP-4 (6-7')		1330					X			
05	GP-5 (6-7')		1400					X			
06	~~GP-6~~ GP-6 (6-7')		1430					X			
07	DUP-1							X			

Dissolved Metals Samples
O Field Filtered
O Lab to Filter

Dissolved Phosphate Samples
O Field Filtered
O Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
email to
willson@wseinc.com
barretta@wseinc.com
3 DAY TAT
EVERSOURCE
PNCOS

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	11/21/18
Received by: (signature)	Date/Time:
	11/21/18 815
Relinquished by: (signature)	Date/Time:
	11/21/18 930
Received by: (signature) 3.7°	Date/Time:
	11/21/18 1600
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Compliance Monitoring Requirements
MA
RCP
RES DEC
1C DEC GBPNC
Other

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☒ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

con-test® ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

Page 26 of 28

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By BLF Date 11/21/18 Time 1650

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.7°C
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all Client T Analysis T Sampler Name T
pertinent Information? Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? T Who was notified? Bne
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	7
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 18K0972

Laboratory Sample ID(s):

18K0972-01 thru 18K0972-07

Sample Date(s):

11/20/2018

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **11/27/18**

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

January 22, 2019

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 27 Parsons Ln, Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 19A0438

Enclosed are results of analyses for samples received by the laboratory on January 10, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 5
Sample Results 6
19A0438-01 6
19A0438-02 7
19A0438-03 8
19A0438-04 9
19A0438-05 10
19A0438-06 11
19A0438-07 12
19A0438-08 13
19A0438-09 14
19A0438-10 15
19A0438-11 16
19A0438-12 17
19A0438-13 18
19A0438-14 19
19A0438-15 20
19A0438-16 21
19A0438-17 22
19A0438-18 23
19A0438-19 24
19A0438-20 25
19A0438-21 26
19A0438-22 27

Table of Contents (continued)

19A0438-23 28
19A0438-24 29
19A0438-25 30
Sample Preparation Information 31
QC Data 32
Polychlorinated Biphenyls with 3540 Soxhlet Extraction 32
B220988 32
B221207 33
B221210 34
Dual Column RPD Report 36
Flag/Qualifier Summary 57
Certifications 58
Chain of Custody/Sample Receipt 60

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 1/22/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19A0438

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

PROJECT LOCATION: 27 Parsons Ln, Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-9	19A0438-01	Concrete		SW-846 8082A	
C-10	19A0438-02	Concrete		SW-846 8082A	
C-11	19A0438-03	Concrete		SW-846 8082A	
C-12	19A0438-04	Concrete		SW-846 8082A	
C-13	19A0438-05	Concrete		SW-846 8082A	
C-14	19A0438-06	Concrete		SW-846 8082A	
C-15	19A0438-07	Concrete		SW-846 8082A	
C-16	19A0438-08	Concrete		SW-846 8082A	
C-17	19A0438-09	Concrete		SW-846 8082A	
C-18	19A0438-10	Concrete		SW-846 8082A	
C-19	19A0438-11	Concrete		SW-846 8082A	
C-20	19A0438-12	Concrete		SW-846 8082A	
C-21	19A0438-13	Concrete		SW-846 8082A	
C-22	19A0438-14	Concrete		SW-846 8082A	
C-23	19A0438-15	Concrete		SW-846 8082A	
C-24	19A0438-16	Concrete		SW-846 8082A	
C-25	19A0438-17	Concrete		SW-846 8082A	
C-26	19A0438-18	Concrete		SW-846 8082A	
C-27	19A0438-19	Concrete		SW-846 8082A	
C-28	19A0438-20	Concrete		SW-846 8082A	
C-29	19A0438-21	Concrete		SW-846 8082A	
C-30	19A0438-22	Concrete		SW-846 8082A	
C-31	19A0438-23	Concrete		SW-846 8082A	
DUP-2	19A0438-24	Concrete		SW-846 8082A	
DUP-3	19A0438-25	Concrete		SW-846 8082A	

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

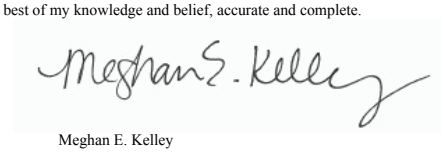
CASE NARRATIVE SUMMARY

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

REVISED REPORT - 1/22/2019 - Laboratory revised reported results for sample 19A0438-16.

REVISED REPORT - 1/21/2019 - Per clients request, please change matrix of 19A0438-01, -13 & -16 to product/solid (concrete).

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.



Meghan E. Kelley
Project Manager

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-9 | Sampled: 1/9/2019 10:32

Sample ID: 19A0438-01

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1254 [2]	0.13	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:07	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	98.0	30-150		1/15/19	16:07
Decachlorobiphenyl [2]	99.6	30-150		1/15/19	16:07
Tetrachloro-m-xylene [1]	82.8	30-150		1/15/19	16:07
Tetrachloro-m-xylene [2]	76.6	30-150		1/15/19	16:07

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-10 | Sampled: 1/9/2019 09:45

Sample ID: 19A0438-02

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1254 [2]	0.13	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:53	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.9	30-150		1/18/19 19:53
Decachlorobiphenyl [2]	97.0	30-150		1/18/19 19:53
Tetrachloro-m-xylene [1]	81.1	30-150		1/18/19 19:53
Tetrachloro-m-xylene [2]	84.3	30-150		1/18/19 19:53

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-11 | Sampled: 1/9/2019 09:47

Sample ID: 19A0438-03

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:11	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		1/18/19 20:11
Decachlorobiphenyl [2]	94.1	30-150		1/18/19 20:11
Tetrachloro-m-xylene [1]	80.7	30-150		1/18/19 20:11
Tetrachloro-m-xylene [2]	84.3	30-150		1/18/19 20:11

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-12 | Sampled: 1/9/2019 09:48

Sample ID: 19A0438-04

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:29	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.9	30-150		1/18/19 20:29
Decachlorobiphenyl [2]	97.7	30-150		1/18/19 20:29
Tetrachloro-m-xylene [1]	85.3	30-150		1/18/19 20:29
Tetrachloro-m-xylene [2]	88.1	30-150		1/18/19 20:29

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-13 | Sampled: 1/9/2019 09:49

Sample ID: 19A0438-05

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1254 [2]	0.11	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:12	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		1/18/19 17:12
Decachlorobiphenyl [2]	87.8	30-150		1/18/19 17:12
Tetrachloro-m-xylene [1]	77.0	30-150		1/18/19 17:12
Tetrachloro-m-xylene [2]	83.5	30-150		1/18/19 17:12

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-14 | Sampled: 1/9/2019 09:55

Sample ID: 19A0438-06

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1221 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1232 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1242 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1248 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1254 [2]	0.24	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1260 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1262 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH
Aroclor-1268 [1]	ND	0.086	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:30	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.5	30-150		1/18/19 17:30
Decachlorobiphenyl [2]	87.1	30-150		1/18/19 17:30
Tetrachloro-m-xylene [1]	75.1	30-150		1/18/19 17:30
Tetrachloro-m-xylene [2]	81.7	30-150		1/18/19 17:30

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-15 | Sampled: 1/9/2019 09:59

Sample ID: 19A0438-07

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1254 [1]	0.27	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 17:47	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.4	30-150		1/18/19 17:47
Decachlorobiphenyl [2]	78.2	30-150		1/18/19 17:47
Tetrachloro-m-xylene [1]	69.1	30-150		1/18/19 17:47
Tetrachloro-m-xylene [2]	75.4	30-150		1/18/19 17:47

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-16 | Sampled: 1/9/2019 10:02

Sample ID: 19A0438-08

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1221 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1232 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1242 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1248 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1254 [1]	0.21	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1260 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1262 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH
Aroclor-1268 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:05	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.9	30-150		1/18/19 18:05
Decachlorobiphenyl [2]	69.4	30-150		1/18/19 18:05
Tetrachloro-m-xylene [1]	61.9	30-150		1/18/19 18:05
Tetrachloro-m-xylene [2]	67.4	30-150		1/18/19 18:05

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-17 | Sampled: 1/9/2019 10:04

Sample ID: 19A0438-09

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1254 [2]	0.40	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:22	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.4	30-150		1/18/19 18:22
Decachlorobiphenyl [2]	90.3	30-150		1/18/19 18:22
Tetrachloro-m-xylene [1]	75.6	30-150		1/18/19 18:22
Tetrachloro-m-xylene [2]	82.2	30-150		1/18/19 18:22

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-18 | Sampled: 1/9/2019 10:06

Sample ID: 19A0438-10

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1221 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1232 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1242 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1248 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1254 [2]	0.26	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1260 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1262 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH
Aroclor-1268 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:40	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.3	30-150		1/18/19 18:40
Decachlorobiphenyl [2]	82.3	30-150		1/18/19 18:40
Tetrachloro-m-xylene [1]	71.7	30-150		1/18/19 18:40
Tetrachloro-m-xylene [2]	77.7	30-150		1/18/19 18:40

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-19 | Sampled: 1/9/2019 10:08

Sample ID: 19A0438-11

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1254 [2]	0.65	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1260 [2]	0.14	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 18:57	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.4	30-150		1/18/19 18:57
Decachlorobiphenyl [2]	77.9	30-150		1/18/19 18:57
Tetrachloro-m-xylene [1]	64.9	30-150		1/18/19 18:57
Tetrachloro-m-xylene [2]	71.2	30-150		1/18/19 18:57

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-20 | Sampled: 1/9/2019 10:10

Sample ID: 19A0438-12

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1254 [2]	0.25	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:15	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.5	30-150		1/18/19 19:15
Decachlorobiphenyl [2]	69.3	30-150		1/18/19 19:15
Tetrachloro-m-xylene [1]	60.6	30-150		1/18/19 19:15
Tetrachloro-m-xylene [2]	65.9	30-150		1/18/19 19:15

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-21 | Sampled: 1/9/2019 10:12

Sample ID: 19A0438-13

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1221 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1232 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1242 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1248 [1]	0.73	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1254 [2]	1.0	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1260 [2]	0.15	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1262 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH
Aroclor-1268 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	1/11/19	1/15/19 16:19	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.5	30-150		1/15/19 16:19
Decachlorobiphenyl [2]	87.8	30-150		1/15/19 16:19
Tetrachloro-m-xylene [1]	67.9	30-150		1/15/19 16:19
Tetrachloro-m-xylene [2]	65.2	30-150		1/15/19 16:19

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-22 | Sampled: 1/9/2019 10:14

Sample ID: 19A0438-14

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1221 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1232 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1242 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1248 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1254 [2]	0.16	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1260 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1262 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH
Aroclor-1268 [1]	ND	0.090	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:32	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.1	30-150		1/18/19 19:32
Decachlorobiphenyl [2]	61.2	30-150		1/18/19 19:32
Tetrachloro-m-xylene [1]	55.8	30-150		1/18/19 19:32
Tetrachloro-m-xylene [2]	60.5	30-150		1/18/19 19:32

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-23 | Sampled: 1/9/2019 10:16

Sample ID: 19A0438-15

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1221 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1232 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1242 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1248 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1254 [2]	0.49	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1260 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1262 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH
Aroclor-1268 [1]	ND	0.087	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 19:50	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.8	30-150		1/18/19 19:50
Decachlorobiphenyl [2]	81.0	30-150		1/18/19 19:50
Tetrachloro-m-xylene [1]	67.1	30-150		1/18/19 19:50
Tetrachloro-m-xylene [2]	73.5	30-150		1/18/19 19:50

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-24 | Sampled: 1/9/2019 10:18

Sample ID: 19A0438-16

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1248 [2]	0.51	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1254 [2]	1.4	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1260 [2]	0.21	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	8		SW-846 8082A	1/11/19	1/17/19 3:28	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.8	30-150		1/17/19 3:28
Decachlorobiphenyl [2]	101	30-150		1/17/19 3:28
Tetrachloro-m-xylene [1]	76.3	30-150		1/17/19 3:28
Tetrachloro-m-xylene [2]	81.9	30-150		1/17/19 3:28

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-25 | Sampled: 1/9/2019 10:50

Sample ID: 19A0438-17

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1221 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1232 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1242 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1248 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1254 [2]	0.16	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1260 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1262 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH
Aroclor-1268 [1]	ND	0.082	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 20:55	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.5	30-150		1/18/19 20:55
Decachlorobiphenyl [2]	74.6	30-150		1/18/19 20:55
Tetrachloro-m-xylene [1]	69.5	30-150		1/18/19 20:55
Tetrachloro-m-xylene [2]	76.0	30-150		1/18/19 20:55

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-26 | Sampled: 1/9/2019 10:20

Sample ID: 19A0438-18

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1254 [2]	0.13	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:12	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.7	30-150		1/18/19 21:12
Decachlorobiphenyl [2]	69.1	30-150		1/18/19 21:12
Tetrachloro-m-xylene [1]	63.6	30-150		1/18/19 21:12
Tetrachloro-m-xylene [2]	70.2	30-150		1/18/19 21:12

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-27 | Sampled: 1/9/2019 10:22

Sample ID: 19A0438-19

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1221 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1232 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1242 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1248 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1254 [1]	0.22	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1260 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1262 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH
Aroclor-1268 [1]	ND	0.089	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:29	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.3	30-150		1/18/19 21:29
Decachlorobiphenyl [2]	98.4	30-150		1/18/19 21:29
Tetrachloro-m-xylene [1]	81.8	30-150		1/18/19 21:29
Tetrachloro-m-xylene [2]	88.7	30-150		1/18/19 21:29

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-28 | Sampled: 1/9/2019 10:24

Sample ID: 19A0438-20

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1254 [1]	0.20	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 21:47	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		1/18/19 21:47
Decachlorobiphenyl [2]	99.1	30-150		1/18/19 21:47
Tetrachloro-m-xylene [1]	83.8	30-150		1/18/19 21:47
Tetrachloro-m-xylene [2]	91.8	30-150		1/18/19 21:47

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-29 | Sampled: 1/9/2019 10:26

Sample ID: 19A0438-21

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1254 [1]	0.10	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:04	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.3	30-150		1/18/19 22:04
Decachlorobiphenyl [2]	86.7	30-150		1/18/19 22:04
Tetrachloro-m-xylene [1]	73.6	30-150		1/18/19 22:04
Tetrachloro-m-xylene [2]	80.5	30-150		1/18/19 22:04

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-30 | Sampled: 1/9/2019 10:28

Sample ID: 19A0438-22

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1254 [1]	0.11	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:22	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.3	30-150		1/18/19 22:22
Decachlorobiphenyl [2]	89.3	30-150		1/18/19 22:22
Tetrachloro-m-xylene [1]	74.2	30-150		1/18/19 22:22
Tetrachloro-m-xylene [2]	80.6	30-150		1/18/19 22:22

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: C-31 | Sampled: 1/9/2019 10:30

Sample ID: 19A0438-23

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1254 [1]	0.11	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:39	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.2	30-150		1/18/19 22:39
Decachlorobiphenyl [2]	84.2	30-150		1/18/19 22:39
Tetrachloro-m-xylene [1]	72.7	30-150		1/18/19 22:39
Tetrachloro-m-xylene [2]	79.1	30-150		1/18/19 22:39

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

Project Location: 27 Parsons Ln, Durham, CT
Sample Description:
Work Order: 19A0438
Date Received: 1/10/2019
Field Sample #: DUP-2
Sampled: 1/9/2019 00:00
Sample ID: 19A0438-24
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1254 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 22:57	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.6	30-150		1/18/19 22:57
Decachlorobiphenyl [2]	96.9	30-150		1/18/19 22:57
Tetrachloro-m-xylene [1]	82.8	30-150		1/18/19 22:57
Tetrachloro-m-xylene [2]	90.5	30-150		1/18/19 22:57

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

Project Location: 27 Parsons Ln, Durham, CT | Sample Description: | Work Order: 19A0438

Date Received: 1/10/2019

Field Sample #: DUP-3 | Sampled: 1/9/2019 00:00

Sample ID: 19A0438-25

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1254 [1]	0.11	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	1/15/19	1/18/19 23:14	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.6	30-150		1/18/19 23:14
Decachlorobiphenyl [2]	70.4	30-150		1/18/19 23:14
Tetrachloro-m-xylene [1]	37.7	30-150		1/18/19 23:14
Tetrachloro-m-xylene [2]	41.0	30-150		1/18/19 23:14

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
19A0438-05 [C-13]	B221207	2.10	10.0	01/15/19
19A0438-06 [C-14]	B221207	2.33	10.0	01/15/19
19A0438-07 [C-15]	B221207	2.13	10.0	01/15/19
19A0438-08 [C-16]	B221207	2.27	10.0	01/15/19
19A0438-09 [C-17]	B221207	2.03	10.0	01/15/19
19A0438-10 [C-18]	B221207	2.48	10.0	01/15/19
19A0438-11 [C-19]	B221207	2.08	10.0	01/15/19
19A0438-12 [C-20]	B221207	2.13	10.0	01/15/19
19A0438-14 [C-22]	B221207	2.21	10.0	01/15/19
19A0438-15 [C-23]	B221207	2.31	10.0	01/15/19
19A0438-17 [C-25]	B221207	2.43	10.0	01/15/19
19A0438-18 [C-26]	B221207	2.08	10.0	01/15/19
19A0438-19 [C-27]	B221207	2.25	10.0	01/15/19
19A0438-20 [C-28]	B221207	2.02	10.0	01/15/19
19A0438-21 [C-29]	B221207	2.02	10.0	01/15/19
19A0438-22 [C-30]	B221207	2.06	10.0	01/15/19
19A0438-23 [C-31]	B221207	2.05	10.0	01/15/19
19A0438-24 [DUP-2]	B221207	2.13	10.0	01/15/19
19A0438-25 [DUP-3]	B221207	2.07	10.0	01/15/19

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19A0438-02 [C-10]	B221210	2.09	10.0	01/15/19
19A0438-03 [C-11]	B221210	2.04	10.0	01/15/19
19A0438-04 [C-12]	B221210	2.08	10.0	01/15/19

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19A0438-01 [C-9]	B220988	10.2	10.0	01/11/19
19A0438-13 [C-21]	B220988	10.4	10.0	01/11/19
19A0438-16RE1 [C-24]	B220988	10.4	10.0	01/11/19

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 B220988 - SW-846 3540C										
Blank (B220988-BLK1)				Prepared: 01/11/19 Analyzed: 01/15/19						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.189*		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		91.1	30-150			
LCS (B220988-BS1)				Prepared: 01/11/19 Analyzed: 01/15/19						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		102	40-140			
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		99.0	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		92.1	40-140			
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		91.7	40-140			
Surrogate: Decachlorobiphenyl	*0.224*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.227*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.173*		mg/Kg wet	0.200		86.6	30-150			
LCS Dup (B220988-BSD1)				Prepared: 01/11/19 Analyzed: 01/15/19						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		98.9	40-140	3.55	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.5	40-140	3.52	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.4	40-140	4.12	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		88.1	40-140	3.91	30	
Surrogate: Decachlorobiphenyl	*0.212*		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	*0.175*		mg/Kg wet	0.200		87.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.169*		mg/Kg wet	0.200		84.3	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 B221207 - SW-846 3540C										
Blank (B221207-BLK1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.783*		mg/Kg	1.00		78.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.763*		mg/Kg	1.00		76.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.735*		mg/Kg	1.00		73.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.792*		mg/Kg	1.00		79.2	30-150			
LCS (B221207-BS1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	0.83	0.10	mg/Kg	1.00		83.5	40-140			
Aroclor-1016 [2C]	0.85	0.10	mg/Kg	1.00		85.4	40-140			
Aroclor-1260	0.76	0.10	mg/Kg	1.00		75.5	40-140			
Aroclor-1260 [2C]	0.73	0.10	mg/Kg	1.00		73.2	40-140			
Surrogate: Decachlorobiphenyl	*0.887*		mg/Kg	1.00		88.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.864*		mg/Kg	1.00		86.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.775*		mg/Kg	1.00		77.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.830*		mg/Kg	1.00		83.0	30-150			
LCS Dup (B221207-BSD1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	0.74	0.10	mg/Kg	1.00		74.0	40-140	12.0	30	
Aroclor-1016 [2C]	0.77	0.10	mg/Kg	1.00		77.3	40-140	9.88	30	
Aroclor-1260	0.67	0.10	mg/Kg	1.00		66.6	40-140	12.5	30	
Aroclor-1260 [2C]	0.65	0.10	mg/Kg	1.00		64.5	40-140	12.6	30	
Surrogate: Decachlorobiphenyl	*0.764*		mg/Kg	1.00		76.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.743*		mg/Kg	1.00		74.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.702*		mg/Kg	1.00		70.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.757*		mg/Kg	1.00		75.7	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 B221207 - SW-846 3540C										
Matrix Spike (B221207-MS1)	**Source: 19A0438-12**			Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	0.87	0.10	mg/Kg	0.995	ND	87.4	40-140			
Aroclor-1016 [2C]	1.1	0.10	mg/Kg	0.995	ND	107	40-140			
Aroclor-1260	0.88	0.10	mg/Kg	0.995	ND	88.5	40-140			
Aroclor-1260 [2C]	0.91	0.10	mg/Kg	0.995	ND	91.3	40-140			
Surrogate: Decachlorobiphenyl	*0.989*		mg/Kg	0.995		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.999*		mg/Kg	0.995		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.847*		mg/Kg	0.995		85.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.921*		mg/Kg	0.995		92.5	30-150			
Matrix Spike Dup (B221207-MSD1)	**Source: 19A0438-12**			Prepared: 01/15/19 Analyzed: 01/19/19						
Aroclor-1016	0.84	0.098	mg/Kg	0.980	ND	85.4	40-140	3.76	50	
Aroclor-1016 [2C]	1.1	0.098	mg/Kg	0.980	ND	109	40-140	0.350	50	
Aroclor-1260	0.87	0.098	mg/Kg	0.980	ND	88.7	40-140	1.32	50	
Aroclor-1260 [2C]	0.90	0.098	mg/Kg	0.980	ND	91.6	40-140	1.13	50	
Surrogate: Decachlorobiphenyl	*0.975*		mg/Kg	0.980		99.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.982*		mg/Kg	0.980		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.801*		mg/Kg	0.980		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.873*		mg/Kg	0.980		89.1	30-150			
Batch B221210 - SW-846 3540C										
Blank (B221210-BLK1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.918*		mg/Kg	1.00		91.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.976*		mg/Kg	1.00		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.852*		mg/Kg	1.00		85.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.890*		mg/Kg	1.00		89.0	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 B221210 - SW-846 3540C										
LCS (B221210-BS1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	0.95	0.10	mg/Kg	1.00		95.3	40-140			
Aroclor-1016 [2C]	0.97	0.10	mg/Kg	1.00		96.5	40-140			
Aroclor-1260	0.84	0.10	mg/Kg	1.00		83.6	40-140			
Aroclor-1260 [2C]	0.87	0.10	mg/Kg	1.00		86.6	40-140			
Surrogate: Decachlorobiphenyl	*0.936*		mg/Kg	1.00		93.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.00*		mg/Kg	1.00		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.871*		mg/Kg	1.00		87.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.914*		mg/Kg	1.00		91.4	30-150			
LCS Dup (B221210-BSD1)				Prepared: 01/15/19 Analyzed: 01/18/19						
Aroclor-1016	0.84	0.10	mg/Kg	1.00		83.8	40-140	12.9	30	
Aroclor-1016 [2C]	0.86	0.10	mg/Kg	1.00		86.1	40-140	11.4	30	
Aroclor-1260	0.73	0.10	mg/Kg	1.00		73.0	40-140	13.6	30	
Aroclor-1260 [2C]	0.76	0.10	mg/Kg	1.00		76.1	40-140	12.9	30	
Surrogate: Decachlorobiphenyl	*0.807*		mg/Kg	1.00		80.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.861*		mg/Kg	1.00		86.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.771*		mg/Kg	1.00		77.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.806*		mg/Kg	1.00		80.6	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-9

Lab Sample ID: 19A0438-01 Date(s) Analyzed: 01/15/2019 01/15/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.12	
	2	0.000	-0.030	0.030	0.13	8.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-10

Lab Sample ID: 19A0438-02 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.13	
	2	0.000	0.000	0.000	0.13	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-13

Lab Sample ID: 19A0438-05 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.096	
	2	0.000	0.000	0.000	0.11	13.6

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-14

Lab Sample ID: 19A0438-06 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.23	
	2	0.000	0.000	0.000	0.24	4.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-15

Lab Sample ID: 19A0438-07 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.27	
	2	0.000	0.000	0.000	0.27	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-16

Lab Sample ID: 19A0438-08 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.21	
	2	0.000	0.000	0.000	0.19	10.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-17

Lab Sample ID: 19A0438-09 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.39	
	2	0.000	0.000	0.000	0.40	2.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-18

Lab Sample ID: 19A0438-10 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.24	
	2	0.000	0.000	0.000	0.26	8.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-19

Lab Sample ID: 19A0438-11 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.61	
	2	0.000	0.000	0.000	0.65	6.4
Aroclor-1260	1	0.000	0.000	0.000	0.11	
	2	0.000	0.000	0.000	0.14	24.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-20

Lab Sample ID: 19A0438-12 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.23	
	2	0.000	0.000	0.000	0.25	8.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-21

Lab Sample ID: 19A0438-13 Date(s) Analyzed: 01/15/2019 01/15/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	-0.030	0.030	0.73	
	2	0.000	-0.030	0.030	0.72	1.4
Aroclor-1254	1	0.000	-0.030	0.030	1.0	
	2	0.000	-0.030	0.030	1.0	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.10	
	2	0.000	-0.030	0.030	0.15	40.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-22

Lab Sample ID: 19A0438-14 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.15	
	2	0.000	0.000	0.000	0.16	6.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-23

Lab Sample ID: 19A0438-15 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.48	
	2	0.000	0.000	0.000	0.49	2.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-24

Lab Sample ID: 19A0438-16RE1 Date(s) Analyzed: 01/17/2019 01/17/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	-0.030	0.030	0.37	
	2	0.000	-0.030	0.030	0.51	31.8
Aroclor-1254	1	0.000	-0.030	0.030	1.3	
	2	0.000	-0.030	0.030	1.4	7.4

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-25

Lab Sample ID: 19A0438-17 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.16	13.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-26

Lab Sample ID: 19A0438-18 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.13	
	2	0.000	0.000	0.000	0.13	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-27

Lab Sample ID: 19A0438-19 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.22	
	2	0.000	0.000	0.000	0.20	9.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-28

Lab Sample ID: 19A0438-20 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.20	
	2	0.000	0.000	0.000	0.19	5.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-30

Lab Sample ID: 19A0438-22 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.11	
	2	0.000	0.000	0.000	0.11	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-31

Lab Sample ID: 19A0438-23 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.11	
	2	0.000	0.000	0.000	0.10	9.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-3

Lab Sample ID: 19A0438-25 Date(s) Analyzed: 01/18/2019 01/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.11	
	2	0.000	0.000	0.000	0.11	0.0

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY
MCK
1904438
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
http://www.contestlabs.com
CHAIN OF CUSTODY RECORD
Doc # 381 Rev 1_03242017
39 Spruce Street
East Longmeadow, MA 01028
Page 1 of 3

Report To: Weston & Sampson
Address: 273 Dividend Rd
Phone: 800-SAMPSON
27 Parsons Ln
Project Location: Durham, CT
Project Number: AB/AK
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By:

Turnaround Time: 7-Day ☑ 10-Day ☐ Due Date:
Report Options: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐
Report Format: Format: PDF ☑ EXCEL ☑ Other:
CLP Like Data Pkg Required: ☐
Email To: willson@wseinc.com
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	PBCs w/Soxhelt	# of Containers	Preservation Code	Container Code
1	C-9	1/9/2019	9445	1032	x	O	4	X			
2	C-10	1/9/2019	945		x			X			
3	C-11	1/9/2019	9447		x			X			
4	C-12	1/9/2019	948		x			X			
5	C-13	1/9/2019	949		x			X			
6	C-14	1/9/2019	955		x			X			
7	C-15	1/9/2019	959		x			X			
8	C-16	1/9/2019	1002		x			X			
9	C-17	1/9/2019	1004		x			X			
10	C-18	1/9/2019	1006		x			X			

ANALYSIS REQUESTED

Comments: Eversource Pricing

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Special Requirements:
MA MCP Required ☐
MCP Certification Form Required ☐
CT RCP Required ☑
RCP Certification Form Required ☐
MA State DW Required ☐
PWSID #

Relinquished by: (signature) Date/Time: 1/10/19 800
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time: 1/10/19 10:45
Received by: (signature) Date/Time: 1/10/19 17:27
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time: 1-10-19 1727

Project Entity: ☐ Government ☐ Municipality ☐ MWRA ☐ WRTA ☐ Federal ☐ 21 J ☐ School ☐ City ☐ Brownfield ☐ MBTA

con-test ANALYTICAL LABORATORY
www.contestlabs.com

NELAC and AIHA-LAP, LLC Accredited
Other ☐ Chromatogram ☐ AIHA-LAP,LLC

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

PCB ONLY ☑ Soxhlet ☐ Non Soxhlet

19A0438

con-test ANALYTICAL LABORATORY
MEK

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 3

Report To:	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
Project Name:	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/AK

Turnaround Time Requested
7-Day ☑ 10-Day ☐
Due Date:

Surcharges Apply
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Report Format / Options
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PBCs w/Soxhelt	# of Containers	[2] Preservation Code	[3] Container Code
11	C-19	1/9/2019	1008		X	O	U	X			
12	C-20	1/9/2019	1010		X			X			
13	C-21	1/9/2019	1012		X			X			
14	C-22	1/9/2019	1014		X			X			
15	C-23	1/9/2019	1016		X			X			
16	C-24	1/9/2019	1018		X			X			
17	C-25	1/9/2019	1050		X			X			
18	C-26	1/9/2019	1020		X			X			
19	C-27	1/9/2019	1022		X			X			
20	C-28	1/9/2019	1024		X			X			

Comments: Eversource Pricing

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Filtered (if applicable)
- ○ Field Filtered
- ○ Lab to Filter

Preservation (if applicable)
- ○ Field Filtered
- ○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 1/10/19 800	
Received by: (signature)	Date/Time: 1/10/19 10:45	
Relinquished by: (signature)	Date/Time: 1/10/19 17:27	
Received by: (signature) 23 1-10-19	Date/Time: 1727	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Preservation Used: Ice ☐ None ☐
Special Requirements:
- ☐ MA MCP Required
- MCP Certification Form Required
- ☑ CT RCP Required
- RCP Certification Form Required
- ☐ MA State Forms Required

RES DEC
GB PMC

PWSID #

con-test ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
- ☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
- ☐ Federal ☐ 21 J ☐ School
- ☐ City ☐ Brownfield ☐ MBTA

Other
- ☐ Chromatogram
- ☐ AIHA-LAP,LLC

PCB ONLY
- ☑ Soxhlet
- ☐ Non Soxhlet

19A0438

con-test® ANALYTICAL LABORATORY

MCK

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/AK

7-Day ☑ 10-Day ☐
Due Date:

1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	PBCs w/Soxhelt	# of Containers	[2] Preservation Code	[3] Container Code
21	C-29	1/9/2019	1026		X	O	U	X			
22	C-30	1/9/2019	1028		X	↓	↓	X			
23	C-31	1/9/2019	1030		X			X			
24	DUP-2	1/9/2019			X						
25	DUP-3	1/9/2019			X						
		1/9/2019			X						
		1/9/2019			X						
		1/9/2019			X						
		1/9/2019			X						
		1/9/2019			X						

Field Filtered ○ Lab to Filter

Field Filtered ○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Eversource Pricing

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 800 1/10/19	
Received by: (signature)	Date/Time: 10:45 1/10/19	
Relinquished by: (signature)	Date/Time: 17:27 1/10/19	
Received by: (signature)	Date/Time: 1727 1-10-19	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Results Emailed to Contact: RES OEC
GB/BNC

State Reporting Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

con-test® ANALYTICAL LABORATORY www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☑ Soxhlet
☐ Non Soxhlet

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston + Sampson

Received By LR Date 1-10-19 Time 1727

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 23
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? NA Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	25
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 27 Parsons Ln, Durham, CT

Project Number: 19A0438

Laboratory Sample ID(s):

19A0438-01 thru 19A0438-25

Sample Date(s):

01/09/2019

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **01/21/19**

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

February 18, 2019

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 27 Parsons Lane
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 19B0468

Enclosed are results of analyses for samples received by the laboratory on February 11, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

19B0468-01 5

19B0468-02 6

Sample Preparation Information 7

QC Data 8

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 8

B223339 8

Dual Column RPD Report 9

Flag/Qualifier Summary 13

Certifications 14

Chain of Custody/Sample Receipt 16

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 2/18/2019

PURCHASE ORDER NUMBER: Weston & Sampson

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19B0468

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

PROJECT LOCATION: 27 Parsons Lane

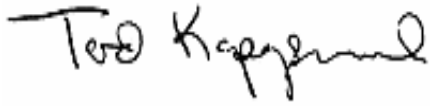
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C-24A	19B0468-01	Concrete		SW-846 8082A	
C-21A	19B0468-02	Concrete		SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

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.



Tod E. Kopyscinski
Laboratory Director

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

Project Location: 27 Parsons Lane | Sample Description: | Work Order: 19B0468

Date Received: 2/11/2019

Field Sample #: C-24A | Sampled: 2/11/2019 11:15

Sample ID: 19B0468-01

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1254 [2]	0.35	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:23	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.8	30-150		2/15/19 18:23
Decachlorobiphenyl [2]	80.5	30-150		2/15/19 18:23
Tetrachloro-m-xylene [1]	73.5	30-150		2/15/19 18:23
Tetrachloro-m-xylene [2]	73.8	30-150		2/15/19 18:23

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

Project Location: 27 Parsons Lane | Sample Description: | Work Order: 19B0468

Date Received: 2/11/2019

Field Sample #: C-21A | Sampled: 2/11/2019 11:20

Sample ID: 19B0468-02

Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1254 [2]	0.39	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	2/11/19	2/15/19 18:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.3	30-150		2/15/19 18:41
Decachlorobiphenyl [2]	73.8	30-150		2/15/19 18:41
Tetrachloro-m-xylene [1]	70.5	30-150		2/15/19 18:41
Tetrachloro-m-xylene [2]	71.7	30-150		2/15/19 18:41

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
19B0468-01 [C-24A]	B223339	2.05	10.0	02/11/19
19B0468-02 [C-21A]	B223339	2.08	10.0	02/11/19

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 B223339 - SW-846 3540C										
Blank (B223339-BLK1)				Prepared: 02/11/19 Analyzed: 02/14/19						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.807*		mg/Kg	1.00		80.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.880*		mg/Kg	1.00		88.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.829*		mg/Kg	1.00		82.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.871*		mg/Kg	1.00		87.1	30-150			
LCS (B223339-BS1)				Prepared: 02/11/19 Analyzed: 02/14/19						
Aroclor-1016	0.78	0.10	mg/Kg	1.00		78.3	40-140			
Aroclor-1016 [2C]	0.83	0.10	mg/Kg	1.00		83.3	40-140			
Aroclor-1260	0.71	0.10	mg/Kg	1.00		70.5	40-140			
Aroclor-1260 [2C]	0.74	0.10	mg/Kg	1.00		74.2	40-140			
Surrogate: Decachlorobiphenyl	*0.737*		mg/Kg	1.00		73.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.811*		mg/Kg	1.00		81.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.712*		mg/Kg	1.00		71.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.760*		mg/Kg	1.00		76.0	30-150			
LCS Dup (B223339-BSD1)				Prepared: 02/11/19 Analyzed: 02/14/19						
Aroclor-1016	0.80	0.10	mg/Kg	1.00		80.2	40-140	2.45	30	
Aroclor-1016 [2C]	0.87	0.10	mg/Kg	1.00		87.2	40-140	4.58	30	
Aroclor-1260	0.72	0.10	mg/Kg	1.00		72.3	40-140	2.55	30	
Aroclor-1260 [2C]	0.76	0.10	mg/Kg	1.00		76.2	40-140	2.65	30	
Surrogate: Decachlorobiphenyl	*0.750*		mg/Kg	1.00		75.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.827*		mg/Kg	1.00		82.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.734*		mg/Kg	1.00		73.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.777*		mg/Kg	1.00		77.7	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-24A

Lab Sample ID: 19B0468-01 Date(s) Analyzed: 02/15/2019 02/15/2019

Instrument ID (1): ECD3 Instrument ID (2): ECD3

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.35	
	2	0.000	0.000	0.000	0.35	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C-21A

Lab Sample ID: 19B0468-02 Date(s) Analyzed: 02/15/2019 02/15/2019

Instrument ID (1): ECD3 Instrument ID (2): ECD3

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.37	
	2	0.000	0.000	0.000	0.39	5.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B223339-BS1 Date(s) Analyzed: 02/14/2019 02/14/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.78	
	2	0.000	0.000	0.000	0.83	6.2
Aroclor-1260	1	0.000	0.000	0.000	0.71	
	2	0.000	0.000	0.000	0.74	4.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B223339-BSD1 Date(s) Analyzed: 02/14/2019 02/14/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.80	
	2	0.000	0.000	0.000	0.87	8.4
Aroclor-1260	1	0.000	0.000	0.000	0.72	
	2	0.000	0.000	0.000	0.76	5.4

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY

MEK

Phone: 413-525-2332 1913068
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 1_03242017

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:
Address: 293 Dividend Rd
Phone: 860 513 1493
Project Name: 27 Parsons Ln - ER
Project Location: 27 Parsons Ln
Project Number:
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: Jeff Willson

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other:
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs w/ Soxhlet		# of Containers	[2] Preservation Code	[3] Container Code
	1	C-24A	2/11/19	1115		X	O	U	X				
	2	C-21A	2/11/19	1120		X	O	U	X				

Dissolved Metals Samples
O Field Filtered
O Lab to Filter

Orthophosphate Samples
O Field Filtered
O Lab to Filter

Comments:
Eversource Pricing
email to barretta@wseinc.com 3
willsonj@wseinc.com
*concrete samples

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)
Concrete

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 2/11/19	
Received by: (signature)	Date/Time: 2/11/19 1545	
Relinquished by: (signature)	Date/Time: 2/11/19 1739	
Received by: (signature)	Date/Time: 2/11/19 17:30	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
RCP
EQ
Other

Special Requirements
[ ] MA MCP Required
MCP Certification Form Required
[X] CT RCP Required
RCP Certification Form Required
[ ] MA State DW Required
PWSID #

Res DEC
GA PMC

con-test ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[X] Soxhlet
[ ] Non Soxhlet

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client W+S

Received By MP Date 2/11/19 Time 17:30

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____ Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 4.6 By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client ~~F~~ T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? ____

Are there Rushes? F Who was notified? ____

Are there Short Holds? F Who was notified? ____

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	2
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 27 Parsons Lane

Project Number: 19B0468

Laboratory Sample ID(s):

19B0468-01 thru 19B0468-02

Sample Date(s):

02/11/2019

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.

Tod E. Kopyscinski

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: Tod Kopyscinski **Position:** Laboratory Director

Printed Name: Tod E. Kopyscinski **Date:** 02/18/19

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

November 27, 2018

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 18K0971

Enclosed are results of analyses for samples received by the laboratory on November 21, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

18K0971-01 5

Sample Preparation Information 7

QC Data 8

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 8

B217770 8

Dual Column RPD Report 10

Flag/Qualifier Summary 15

Certifications 16

Chain of Custody/Sample Receipt 17

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 11/27/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18K0971

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SD-1	18K0971-01	Soil		SM 2540G SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

MS-21

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

Analyte & Samples(s) Qualified:

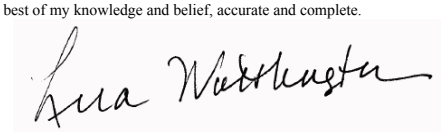
Aroclor-1016
B217770-MS1, B217770-MSD1

Aroclor-1016 [2C]
B217770-MS1, B217770-MSD1

Aroclor-1260
B217770-MS1, B217770-MSD1

Aroclor-1260 [2C]
B217770-MS1, B217770-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.



Lisa A. Worthington
Project Manager

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

Project Location: Durham, CT | Sample Description: | Work Order: 18K0971

Date Received: 11/21/2018

Field Sample #: SD-1 | Sampled: 11/20/2018 09:20

Sample ID: 18K0971-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1221 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1232 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1242 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1248 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1254 [2]	3.6	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1260 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1262 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB
Aroclor-1268 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	11/24/18	11/27/18 9:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	82.1	30-150		11/27/18	9:18
Decachlorobiphenyl [2]	96.5	30-150		11/27/18	9:18
Tetrachloro-m-xylene [1]	69.6	30-150		11/27/18	9:18
Tetrachloro-m-xylene [2]	72.4	30-150		11/27/18	9:18

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

Project Location: Durham, CT | Sample Description: | Work Order: 18K0971

Date Received: 11/21/2018

Field Sample #: SD-1 | Sampled: 11/20/2018 09:20

Sample ID: 18K0971-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	11/26/18	11/26/18 23:19	AVF

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
18K0971-01 [SD-1]	B217826	11/26/18

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
18K0971-01 [SD-1]	B217770	10.3	10.0	11/24/18

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 B217770 - SW-846 3540C										
Blank (B217770-BLK1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.142*		mg/Kg wet	0.200		71.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.126*		mg/Kg wet	0.200		63.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.134*		mg/Kg wet	0.200		67.1	30-150			
LCS (B217770-BS1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	0.13	0.020	mg/Kg wet	0.200		65.8	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		78.2	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		69.0	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7	40-140			
Surrogate: Decachlorobiphenyl	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.148*		mg/Kg wet	0.200		73.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.158*		mg/Kg wet	0.200		79.1	30-150			
LCS Dup (B217770-BSD1)				Prepared: 11/24/18 Analyzed: 11/26/18						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		74.7	40-140	12.7	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		88.5	40-140	12.4	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.2	40-140	12.5	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		89.4	40-140	14.0	30	
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.161*		mg/Kg wet	0.200		80.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.173*		mg/Kg wet	0.200		86.5	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 B217770 - SW-846 3540C											
Matrix Spike (B217770-MS1)	**Source: 18K0971-01**			Prepared: 11/24/18 Analyzed: 11/26/18							
Aroclor-1016	0.36	0.095	mg/Kg dry	0.236	ND	**152**	*	40-140			MS-21
Aroclor-1016 [2C]	0.88	0.095	mg/Kg dry	0.236	ND	**371**	*	40-140			MS-21
Aroclor-1260	0.75	0.095	mg/Kg dry	0.236	ND	**318**	*	40-140			MS-21
Aroclor-1260 [2C]	0.94	0.095	mg/Kg dry	0.236	ND	**398**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.156*		mg/Kg dry	0.236		66.0		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg dry	0.236		81.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.141*		mg/Kg dry	0.236		59.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.149*		mg/Kg dry	0.236		63.0		30-150			
Matrix Spike Dup (B217770-MSD1)	**Source: 18K0971-01**			Prepared: 11/24/18 Analyzed: 11/26/18							
Aroclor-1016	0.37	0.096	mg/Kg dry	0.241	ND	**153**	*	40-140	2.39	50	MS-21
Aroclor-1016 [2C]	0.82	0.096	mg/Kg dry	0.241	ND	**340**	*	40-140	6.70	50	MS-21
Aroclor-1260	0.71	0.096	mg/Kg dry	0.241	ND	**295**	*	40-140	5.72	50	MS-21
Aroclor-1260 [2C]	0.88	0.096	mg/Kg dry	0.241	ND	**366**	*	40-140	6.49	50	MS-21
Surrogate: Decachlorobiphenyl	*0.155*		mg/Kg dry	0.241		64.3		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg dry	0.241		79.4		30-150			
Surrogate: Tetrachloro-m-xylene	*0.142*		mg/Kg dry	0.241		58.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.149*		mg/Kg dry	0.241		62.0		30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SD-1

Lab Sample ID: 18K0971-01 Date(s) Analyzed: 11/27/2018 11/27/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	3.1	
	2	0.000	-0.030	0.030	3.6	14.9

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B217770-BS1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.13	
	2	0.000	-0.030	0.030	0.16	20.7
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.16	13.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B217770-BSD1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.18	18.2
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.18	11.8

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B217770-MS1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.36	
	2	0.000	-0.030	0.030	0.88	83.9
Aroclor-1260	1	0.000	-0.030	0.030	0.75	
	2	0.000	-0.030	0.030	0.94	22.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B217770-MSD1 Date(s) Analyzed: 11/26/2018 11/26/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.37	
	2	0.000	-0.030	0.030	0.82	75.6
Aroclor-1260	1	0.000	-0.030	0.030	0.71	
	2	0.000	-0.030	0.030	0.88	21.4

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

Table of Contents

CHAIN OF CUSTODY RECORD

18K0971

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

MEK

Company Name: Weston & Sampson
Address: 273 Dividend Rd Rocky Hill
Phone: 1800 Sampson
Project Name: Parsons LN
Project Location: Durham, CT
Project Number:
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient: Jeff Willson
Sampled By: AVB

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☒
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

PCB Soxhlet

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	# of Containers	Preservation Code	Container Code
01	SP-1	11/20	920		X	S	U			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
email Mmmmm willson@wseinc.com
barretta@wseinc.com
3 DAY TAT - Eversource Rates

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	11/21/18
Received by: (signature)	11/21/18 5PM
Relinquished by: (signature)	11/21/18 451
Received by: (signature) 3.7C	
Relinquished by: (signature)	11/21/18 1645
Received by: (signature)	

Detection Limit Requirements
MA
CT RCP Reqs
DEC, GB PMC

Special Requirements
☐ MA MCP Required
☐ MCP Certification Form Required
☒ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
PWSID #

con-test ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Other: ☐ Chromatogram ☐ AIHA-LAP, LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Page 17 of 19

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By BLF Date 11/21/18 Time 1650

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.7°C
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F
Are there Rushes? T Who was notified? ____
Are there Short Holds? F Who was notified? Brie
Is there enough Volume? T Who was notified? ____
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	1
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 18K0971

Laboratory Sample ID(s):

18K0971-01

Sample Date(s):

11/20/2018

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **11/27/18**

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

December 11, 2018

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 27 Parsons Ln., Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 18L0278

Enclosed are results of analyses for samples received by the laboratory on December 6, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 6
Sample Results 7
18L0278-01 7
18L0278-02 9
18L0278-03 11
18L0278-04 13
18L0278-05 15
18L0278-06 17
18L0278-07 19
18L0278-08 21
18L0278-09 23
18L0278-10 25
18L0278-11 27
18L0278-12 29
18L0278-13 31
18L0278-14 33
18L0278-15 35
18L0278-16 37
18L0278-17 39
18L0278-18 41
18L0278-19 43
18L0278-20 45
18L0278-21 47
18L0278-22 49

Table of Contents (continued)

18L0278-23 51
18L0278-24 53
18L0278-25 55
18L0278-26 57
18L0278-27 59
18L0278-28 61
18L0278-29 63
Sample Preparation Information 65
QC Data 67
Polychlorinated Biphenyls with 3540 Soxhlet Extraction 67
B218698 67
B218699 68
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 70
B218806 70
Dual Column RPD Report 71
Flag/Qualifier Summary 87
Certifications 88
Chain of Custody/Sample Receipt 89

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 12/11/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18L0278

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

PROJECT LOCATION: 27 Parsons Ln., Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TI-E	18L0278-01	Sediment		SM 2540G	
				SW-846 8082A	
TI-C	18L0278-02	Sediment		SM 2540G	
				SW-846 8082A	
TI-W	18L0278-03	Sediment		SM 2540G	
				SW-846 8082A	
T2-E	18L0278-04	Sediment		SM 2540G	
				SW-846 8082A	
T2-C	18L0278-05	Sediment		SM 2540G	
				SW-846 8082A	
T2-W	18L0278-06	Sediment		SM 2540G	
				SW-846 8082A	
T3-E	18L0278-07	Sediment		SM 2540G	
				SW-846 8082A	
T3-C	18L0278-08	Sediment		SM 2540G	
				SW-846 8082A	
T3-W	18L0278-09	Sediment		SM 2540G	
				SW-846 8082A	
T4-E	18L0278-10	Sediment		SM 2540G	
				SW-846 8082A	
T4-C	18L0278-11	Sediment		SM 2540G	
				SW-846 8082A	
T4-W	18L0278-12	Sediment		SM 2540G	
				SW-846 8082A	
T5-E	18L0278-13	Sediment		SM 2540G	
				SW-846 8082A	
T5-C	18L0278-14	Sediment		SM 2540G	
				SW-846 8082A	
T5-W	18L0278-15	Sediment		SM 2540G	
				SW-846 8082A	
T6-E	18L0278-16	Sediment		SM 2540G	
				SW-846 8082A	
T6-C	18L0278-17	Sediment		SM 2540G	
				SW-846 8082A	
T6-W	18L0278-18	Sediment		SM 2540G	
				SW-846 8082A	
T7-E	18L0278-19	Sediment		SM 2540G	
				SW-846 8082A	
T7-C	18L0278-20	Sediment		SM 2540G	
				SW-846 8082A	

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 12/11/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18L0278

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

PROJECT LOCATION: 27 Parsons Ln., Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
T7-W	18L0278-21	Sediment		SM 2540G	
				SW-846 8082A	
T8-E	18L0278-22	Sediment		SM 2540G	
				SW-846 8082A	
T8-C	18L0278-23	Sediment		SM 2540G	
				SW-846 8082A	
T8-W	18L0278-24	Sediment		SM 2540G	
				SW-846 8082A	
DUP-SE1	18L0278-25	Sediment		SM 2540G	
				SW-846 8082A	
DUP-SE2	18L0278-26	Sediment		SM 2540G	
				SW-846 8082A	
Outfall-1	18L0278-27	Sediment		SM 2540G	
				SW-846 8082A	
Outfall-2	18L0278-28	Sediment		SM 2540G	
				SW-846 8082A	
Outfall-3	18L0278-29	Sediment		SM 2540G	
				SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

18L0278-01 through -29 are sediment samples.

SW-846 8082A

Qualifications:

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.

Analyte & Samples(s) Qualified:

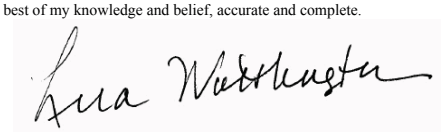
Decachlorobiphenyl
18L0278-29[Outfall-3]

Decachlorobiphenyl [2C]
18L0278-29[Outfall-3]

Tetrachloro-m-xylene
18L0278-29[Outfall-3]

Tetrachloro-m-xylene [2C]
18L0278-29[Outfall-3]

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.



Lisa A. Worthington
Project Manager

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-E | Sampled: 12/5/2018 09:20

Sample ID: 18L0278-01

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 9:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	107	30-150		12/11/18	9:56
Decachlorobiphenyl [2]	104	30-150		12/11/18	9:56
Tetrachloro-m-xylene [1]	99.5	30-150		12/11/18	9:56
Tetrachloro-m-xylene [2]	100	30-150		12/11/18	9:56

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-E Sampled: 12/5/2018 09:20

Sample ID: 18L0278-01

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.6		% Wt	1		SM 2540G	12/9/18	12/10/18 12:39	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-C | Sampled: 12/5/2018 09:20

Sample ID: 18L0278-02

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1254 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		12/11/18 10:08
Decachlorobiphenyl [2]	104	30-150		12/11/18 10:08
Tetrachloro-m-xylene [1]	98.0	30-150		12/11/18 10:08
Tetrachloro-m-xylene [2]	98.7	30-150		12/11/18 10:08

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-C Sampled: 12/5/2018 09:20

Sample ID: 18L0278-02

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	73.9		% Wt	1		SM 2540G	12/9/18	12/10/18 12:39	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-W | Sampled: 12/5/2018 09:20

Sample ID: 18L0278-03

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1221 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1232 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1242 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1248 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1254 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1260 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1262 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG
Aroclor-1268 [1]	ND	0.039	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:21	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		12/11/18 10:21
Decachlorobiphenyl [2]	99.0	30-150		12/11/18 10:21
Tetrachloro-m-xylene [1]	96.5	30-150		12/11/18 10:21
Tetrachloro-m-xylene [2]	96.5	30-150		12/11/18 10:21

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: TI-W | Sampled: 12/5/2018 09:20

Sample ID: 18L0278-03

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	49.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:39	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-E | Sampled: 12/5/2018 09:25

Sample ID: 18L0278-04

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1254 [1]	2.4	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:34	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		12/11/18 10:34
Decachlorobiphenyl [2]	109	30-150		12/11/18 10:34
Tetrachloro-m-xylene [1]	89.9	30-150		12/11/18 10:34
Tetrachloro-m-xylene [2]	87.1	30-150		12/11/18 10:34

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-E | Sampled: 12/5/2018 09:25

Sample ID: 18L0278-04

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.9		% Wt	1		SM 2540G	12/9/18	12/10/18 12:39	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-C | Sampled: 12/5/2018 09:25

Sample ID: 18L0278-05

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1248 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1254 [1]	1.9	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1260 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	8		SW-846 8082A	12/7/18	12/11/18 10:46	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.8	30-150		12/11/18 10:46
Decachlorobiphenyl [2]	109	30-150		12/11/18 10:46
Tetrachloro-m-xylene [1]	84.2	30-150		12/11/18 10:46
Tetrachloro-m-xylene [2]	83.6	30-150		12/11/18 10:46

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

Project Location: 27 Parsons Ln., Durham, CT
Sample Description:
Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-C
Sampled: 12/5/2018 09:25

Sample ID: 18L0278-05

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	61.5		% Wt	1		SM 2540G	12/9/18	12/10/18 12:39	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-W | Sampled: 12/5/2018 09:25

Sample ID: 18L0278-06

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1221 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1232 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1242 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1248 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1254 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1260 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1262 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG
Aroclor-1268 [1]	ND	0.032	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:59	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		12/11/18 10:59
Decachlorobiphenyl [2]	98.1	30-150		12/11/18 10:59
Tetrachloro-m-xylene [1]	97.5	30-150		12/11/18 10:59
Tetrachloro-m-xylene [2]	96.5	30-150		12/11/18 10:59

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T2-W | Sampled: 12/5/2018 09:25

Sample ID: 18L0278-06

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	59.6		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-E | Sampled: 12/5/2018 09:30

Sample ID: 18L0278-07

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1221 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1232 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1242 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1248 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1254 [2]	0.036	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1260 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1262 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG
Aroclor-1268 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:11	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		12/11/18 11:11
Decachlorobiphenyl [2]	101	30-150		12/11/18 11:11
Tetrachloro-m-xylene [1]	96.7	30-150		12/11/18 11:11
Tetrachloro-m-xylene [2]	90.0	30-150		12/11/18 11:11

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-E | Sampled: 12/5/2018 09:30

Sample ID: 18L0278-07

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.3		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-C | Sampled: 12/5/2018 09:30

Sample ID: 18L0278-08

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1254 [1]	0.057	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:17	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		12/11/18 11:17
Decachlorobiphenyl [2]	108	30-150		12/11/18 11:17
Tetrachloro-m-xylene [1]	84.9	30-150		12/11/18 11:17
Tetrachloro-m-xylene [2]	87.2	30-150		12/11/18 11:17

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-C Sampled: 12/5/2018 09:30

Sample ID: 18L0278-08

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.9		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-W | Sampled: 12/5/2018 09:30

Sample ID: 18L0278-09

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1221 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1232 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1242 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1248 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1254 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1260 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1262 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG
Aroclor-1268 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:30	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.3	30-150		12/11/18 11:30
Decachlorobiphenyl [2]	103	30-150		12/11/18 11:30
Tetrachloro-m-xylene [1]	87.9	30-150		12/11/18 11:30
Tetrachloro-m-xylene [2]	90.8	30-150		12/11/18 11:30

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T3-W | Sampled: 12/5/2018 09:30

Sample ID: 18L0278-09

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	55.3		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-E | Sampled: 12/5/2018 09:35

Sample ID: 18L0278-10

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1248 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1254 [2]	0.65	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1260 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	4		SW-846 8082A	12/7/18	12/10/18 16:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		12/10/18 16:50
Decachlorobiphenyl [2]	95.1	30-150		12/10/18 16:50
Tetrachloro-m-xylene [1]	84.0	30-150		12/10/18 16:50
Tetrachloro-m-xylene [2]	85.1	30-150		12/10/18 16:50

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-E | Sampled: 12/5/2018 09:35

Sample ID: 18L0278-10

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	46.2		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-C | Sampled: 12/5/2018 09:35

Sample ID: 18L0278-11

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1254 [1]	0.057	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:43	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.5	30-150		12/11/18 11:43
Decachlorobiphenyl [2]	97.2	30-150		12/11/18 11:43
Tetrachloro-m-xylene [1]	81.3	30-150		12/11/18 11:43
Tetrachloro-m-xylene [2]	83.4	30-150		12/11/18 11:43

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-C | Sampled: 12/5/2018 09:35

Sample ID: 18L0278-11

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.0		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-W | Sampled: 12/5/2018 09:35

Sample ID: 18L0278-12

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1221 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1232 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1242 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1248 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1254 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1260 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1262 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG
Aroclor-1268 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:56	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.3	30-150		12/11/18 11:56
Decachlorobiphenyl [2]	111	30-150		12/11/18 11:56
Tetrachloro-m-xylene [1]	86.9	30-150		12/11/18 11:56
Tetrachloro-m-xylene [2]	88.3	30-150		12/11/18 11:56

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T4-W Sampled: 12/5/2018 09:35

Sample ID: 18L0278-12

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	67.9		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-E | Sampled: 12/5/2018 11:35

Sample ID: 18L0278-13

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1221 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1232 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1242 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1248 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1254 [1]	0.078	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1260 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1262 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG
Aroclor-1268 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:09	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.6	30-150		12/11/18 12:09
Decachlorobiphenyl [2]	92.1	30-150		12/11/18 12:09
Tetrachloro-m-xylene [1]	84.2	30-150		12/11/18 12:09
Tetrachloro-m-xylene [2]	88.5	30-150		12/11/18 12:09

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-E Sampled: 12/5/2018 11:35

Sample ID: 18L0278-13

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.0		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-C | Sampled: 12/5/2018 11:25

Sample ID: 18L0278-14

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1221 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1232 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1242 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1248 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1254 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1260 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1262 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG
Aroclor-1268 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.2	30-150		12/11/18 12:21
Decachlorobiphenyl [2]	87.3	30-150		12/11/18 12:21
Tetrachloro-m-xylene [1]	81.8	30-150		12/11/18 12:21
Tetrachloro-m-xylene [2]	88.0	30-150		12/11/18 12:21

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-C | Sampled: 12/5/2018 11:25

Sample ID: 18L0278-14

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	12/9/18	12/10/18 12:40	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-W | Sampled: 12/5/2018 11:30

Sample ID: 18L0278-15

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1221 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1232 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1242 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1248 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1254 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1260 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1262 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG
Aroclor-1268 [1]	ND	0.035	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:34	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.6	30-150		12/11/18 12:34
Decachlorobiphenyl [2]	98.8	30-150		12/11/18 12:34
Tetrachloro-m-xylene [1]	88.1	30-150		12/11/18 12:34
Tetrachloro-m-xylene [2]	94.2	30-150		12/11/18 12:34

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T5-W | Sampled: 12/5/2018 11:30

Sample ID: 18L0278-15

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	52.3		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-E | Sampled: 12/5/2018 11:10

Sample ID: 18L0278-16

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1221 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1232 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1242 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1248 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1254 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1260 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1262 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH
Aroclor-1268 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:29	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	104	30-150			12/11/18 11:29
Decachlorobiphenyl [2]	95.0	30-150			12/11/18 11:29
Tetrachloro-m-xylene [1]	91.9	30-150			12/11/18 11:29
Tetrachloro-m-xylene [2]	94.4	30-150			12/11/18 11:29

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-E Sampled: 12/5/2018 11:10

Sample ID: 18L0278-16

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	71.5		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-C | Sampled: 12/5/2018 11:05

Sample ID: 18L0278-17

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:41	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.2	30-150		12/11/18 11:41
Decachlorobiphenyl [2]	83.0	30-150		12/11/18 11:41
Tetrachloro-m-xylene [1]	83.4	30-150		12/11/18 11:41
Tetrachloro-m-xylene [2]	86.0	30-150		12/11/18 11:41

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-C Sampled: 12/5/2018 11:05

Sample ID: 18L0278-17

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-W | Sampled: 12/5/2018 11:15

Sample ID: 18L0278-18

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1254 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:53	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		12/11/18 11:53
Decachlorobiphenyl [2]	98.3	30-150		12/11/18 11:53
Tetrachloro-m-xylene [1]	91.8	30-150		12/11/18 11:53
Tetrachloro-m-xylene [2]	94.6	30-150		12/11/18 11:53

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T6-W Sampled: 12/5/2018 11:15

Sample ID: 18L0278-18

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.1		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-E | Sampled: 12/5/2018 11:50

Sample ID: 18L0278-19

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1221 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1232 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1242 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1248 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1254 [2]	0.041	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1260 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1262 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH
Aroclor-1268 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:06	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual			
Decachlorobiphenyl [1]	110	30-150				12/11/18 12:06
Decachlorobiphenyl [2]	110	30-150				12/11/18 12:06
Tetrachloro-m-xylene [1]	92.4	30-150				12/11/18 12:06
Tetrachloro-m-xylene [2]	94.1	30-150				12/11/18 12:06

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-E Sampled: 12/5/2018 11:50

Sample ID: 18L0278-19

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	51.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-C | Sampled: 12/5/2018 11:45

Sample ID: 18L0278-20

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1221 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1232 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1242 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1248 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1254 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1260 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1262 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH
Aroclor-1268 [1]	ND	0.031	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 12:18	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		12/11/18 12:18
Decachlorobiphenyl [2]	104	30-150		12/11/18 12:18
Tetrachloro-m-xylene [1]	93.8	30-150		12/11/18 12:18
Tetrachloro-m-xylene [2]	96.1	30-150		12/11/18 12:18

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-C | Sampled: 12/5/2018 11:45

Sample ID: 18L0278-20

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	61.1		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-W | Sampled: 12/5/2018 11:55

Sample ID: 18L0278-21

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1221 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1232 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1242 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1248 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1254 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1260 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1262 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL
Aroclor-1268 [1]	ND	0.033	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:07	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	59.1	30-150		12/11/18 10:07
Decachlorobiphenyl [2]	65.7	30-150		12/11/18 10:07
Tetrachloro-m-xylene [1]	68.3	30-150		12/11/18 10:07
Tetrachloro-m-xylene [2]	72.9	30-150		12/11/18 10:07

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T7-W Sampled: 12/5/2018 11:55

Sample ID: 18L0278-21

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	59.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-E | Sampled: 12/5/2018 12:00

Sample ID: 18L0278-22

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1221 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1232 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1242 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1248 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1254 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1260 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1262 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL
Aroclor-1268 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:19	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.7	30-150		12/11/18 10:19
Decachlorobiphenyl [2]	96.2	30-150		12/11/18 10:19
Tetrachloro-m-xylene [1]	80.9	30-150		12/11/18 10:19
Tetrachloro-m-xylene [2]	85.0	30-150		12/11/18 10:19

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-E Sampled: 12/5/2018 12:00

Sample ID: 18L0278-22

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	52.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-C | Sampled: 12/5/2018 12:05

Sample ID: 18L0278-23

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1221 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1232 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1242 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1248 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1254 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1260 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1262 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL
Aroclor-1268 [1]	ND	0.045	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:32	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.0	30-150		12/11/18 10:32
Decachlorobiphenyl [2]	98.2	30-150		12/11/18 10:32
Tetrachloro-m-xylene [1]	74.3	30-150		12/11/18 10:32
Tetrachloro-m-xylene [2]	78.1	30-150		12/11/18 10:32

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-C Sampled: 12/5/2018 12:05

Sample ID: 18L0278-23

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	43.4		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-W | Sampled: 12/5/2018 12:05

Sample ID: 18L0278-24

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1221 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1232 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1242 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1248 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1254 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1260 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1262 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL
Aroclor-1268 [1]	ND	0.052	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:44	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.6	30-150		12/11/18 10:44
Decachlorobiphenyl [2]	95.6	30-150		12/11/18 10:44
Tetrachloro-m-xylene [1]	80.6	30-150		12/11/18 10:44
Tetrachloro-m-xylene [2]	85.1	30-150		12/11/18 10:44

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: T8-W Sampled: 12/5/2018 12:05

Sample ID: 18L0278-24

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	37.1		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: DUP-SE1 | Sampled: 12/5/2018 11:50

Sample ID: 18L0278-25

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1221 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1232 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1242 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1248 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1254 [2]	0.080	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1260 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1262 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL
Aroclor-1268 [1]	ND	0.041	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 10:56	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.7	30-150		12/11/18 10:56
Decachlorobiphenyl [2]	85.9	30-150		12/11/18 10:56
Tetrachloro-m-xylene [1]	75.8	30-150		12/11/18 10:56
Tetrachloro-m-xylene [2]	80.4	30-150		12/11/18 10:56

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: DUP-SE1 | Sampled: 12/5/2018 11:50

Sample ID: 18L0278-25

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	48.2		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: DUP-SE2 | Sampled: 12/5/2018 12:00

Sample ID: 18L0278-26

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1221 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1232 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1242 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1248 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1254 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1260 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1262 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL
Aroclor-1268 [1]	ND	0.034	mg/Kg dry	1		SW-846 8082A	12/7/18	12/11/18 11:08	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.7	30-150		12/11/18 11:08
Decachlorobiphenyl [2]	96.0	30-150		12/11/18 11:08
Tetrachloro-m-xylene [1]	80.8	30-150		12/11/18 11:08
Tetrachloro-m-xylene [2]	84.8	30-150		12/11/18 11:08

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: DUP-SE2 | Sampled: 12/5/2018 12:00

Sample ID: 18L0278-26

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	55.7		% Wt	1		SM 2540G	12/9/18	12/10/18 12:41	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-1 | Sampled: 12/5/2018 09:55

Sample ID: 18L0278-27

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1221 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1232 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1242 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1248 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1254 [2]	4.4	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1260 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1262 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL
Aroclor-1268 [1]	ND	0.61	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 8:58	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	81.8	30-150		12/11/18	8:58
Decachlorobiphenyl [2]	94.7	30-150		12/11/18	8:58
Tetrachloro-m-xylene [1]	60.7	30-150		12/11/18	8:58
Tetrachloro-m-xylene [2]	69.7	30-150		12/11/18	8:58

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-1 | Sampled: 12/5/2018 09:55

Sample ID: 18L0278-27

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.8		% Wt	1		SM 2540G	12/9/18	12/10/18 12:42	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-2 | Sampled: 12/5/2018 10:00

Sample ID: 18L0278-28

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1254 [2]	3.9	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1260 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	20		SW-846 8082A	12/7/18	12/11/18 9:15	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.0	30-150		12/11/18 9:15
Decachlorobiphenyl [2]	92.0	30-150		12/11/18 9:15
Tetrachloro-m-xylene [1]	57.5	30-150		12/11/18 9:15
Tetrachloro-m-xylene [2]	65.6	30-150		12/11/18 9:15

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

Project Location: 27 Parsons Ln., Durham, CT
Sample Description:
Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-2
Sampled: 12/5/2018 10:00

Sample ID: 18L0278-28

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.5		% Wt	1		SM 2540G	12/9/18	12/10/18 12:42	AVF

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-3 | Sampled: 12/5/2018 10:05

Sample ID: 18L0278-29

Sample Matrix: Sediment

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1254 [2]	9.6	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	40		SW-846 8082A	12/7/18	12/11/18 9:32	WAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	*	30-150	S-01	12/11/18	9:32
Decachlorobiphenyl [2]	*	30-150	S-01	12/11/18	9:32
Tetrachloro-m-xylene [1]	*	30-150	S-01	12/11/18	9:32
Tetrachloro-m-xylene [2]	*	30-150	S-01	12/11/18	9:32

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

Project Location: 27 Parsons Ln., Durham, CT Sample Description: Work Order: 18L0278

Date Received: 12/6/2018

Field Sample #: Outfall-3 Sampled: 12/5/2018 10:05

Sample ID: 18L0278-29

Sample Matrix: Sediment

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	59.7		% Wt	1		SM 2540G	12/9/18	12/10/18 12:42	AVF

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
18L0278-01 [TI-E]	B218806	12/09/18
18L0278-02 [TI-C]	B218806	12/09/18
18L0278-03 [TI-W]	B218806	12/09/18
18L0278-04 [T2-E]	B218806	12/09/18
18L0278-05 [T2-C]	B218806	12/09/18
18L0278-06 [T2-W]	B218806	12/09/18
18L0278-07 [T3-E]	B218806	12/09/18
18L0278-08 [T3-C]	B218806	12/09/18
18L0278-09 [T3-W]	B218806	12/09/18
18L0278-10 [T4-E]	B218806	12/09/18
18L0278-11 [T4-C]	B218806	12/09/18
18L0278-12 [T4-W]	B218806	12/09/18
18L0278-13 [T5-E]	B218806	12/09/18
18L0278-14 [T5-C]	B218806	12/09/18
18L0278-15 [T5-W]	B218806	12/09/18
18L0278-16 [T6-E]	B218806	12/09/18
18L0278-17 [T6-C]	B218806	12/09/18
18L0278-18 [T6-W]	B218806	12/09/18
18L0278-19 [T7-E]	B218806	12/09/18
18L0278-20 [T7-C]	B218806	12/09/18
18L0278-21 [T7-W]	B218806	12/09/18
18L0278-22 [T8-E]	B218806	12/09/18
18L0278-23 [T8-C]	B218806	12/09/18
18L0278-24 [T8-W]	B218806	12/09/18
18L0278-25 [DUP-SE1]	B218806	12/09/18
18L0278-26 [DUP-SE2]	B218806	12/09/18
18L0278-27 [Outfall-1]	B218806	12/09/18
18L0278-28 [Outfall-2]	B218806	12/09/18
18L0278-29 [Outfall-3]	B218806	12/09/18

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
18L0278-01 [TI-E]	B218698	10.2	10.0	12/07/18
18L0278-02 [TI-C]	B218698	10.3	10.0	12/07/18
18L0278-03 [TI-W]	B218698	10.3	10.0	12/07/18
18L0278-04 [T2-E]	B218698	10.7	10.0	12/07/18
18L0278-05 [T2-C]	B218698	10.6	10.0	12/07/18
18L0278-06 [T2-W]	B218698	10.5	10.0	12/07/18
18L0278-07 [T3-E]	B218698	10.2	10.0	12/07/18
18L0278-08 [T3-C]	B218698	10.0	10.0	12/07/18
18L0278-09 [T3-W]	B218698	10.5	10.0	12/07/18
18L0278-10 [T4-E]	B218698	10.0	10.0	12/07/18
18L0278-11 [T4-C]	B218698	10.7	10.0	12/07/18
18L0278-12 [T4-W]	B218698	10.6	10.0	12/07/18
18L0278-13 [T5-E]	B218698	10.4	10.0	12/07/18
18L0278-14 [T5-C]	B218698	10.1	10.0	12/07/18
18L0278-15 [T5-W]	B218698	10.9	10.0	12/07/18
18L0278-16 [T6-E]	B218698	10.2	10.0	12/07/18
18L0278-17 [T6-C]	B218698	10.9	10.0	12/07/18
18L0278-18 [T6-W]	B218698	10.1	10.0	12/07/18
18L0278-19 [T7-E]	B218698	10.4	10.0	12/07/18
18L0278-20 [T7-C]	B218698	10.7	10.0	12/07/18

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
18L0278-21 [T7-W]	B218699	10.2	10.0	12/07/18
18L0278-22 [T8-E]	B218699	10.3	10.0	12/07/18
18L0278-23 [T8-C]	B218699	10.2	10.0	12/07/18
18L0278-24 [T8-W]	B218699	10.3	10.0	12/07/18
18L0278-25 [DUP-SE1]	B218699	10.2	10.0	12/07/18
18L0278-26 [DUP-SE2]	B218699	10.6	10.0	12/07/18
18L0278-27 [Outfall-1]	B218699	10.1	10.0	12/07/18
18L0278-28 [Outfall-2]	B218699	10.4	10.0	12/07/18
18L0278-29 [Outfall-3]	B218699	10.9	10.0	12/07/18

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 B218698 - SW-846 3540C										
Blank (B218698-BLK1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg wet	0.200		97.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		97.8	30-150			
LCS (B218698-BS1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		98.5	40-140			
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		102	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		95.5	40-140			
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		96.8	40-140			
Surrogate: Decachlorobiphenyl	*0.242*		mg/Kg wet	0.200		121	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.205*		mg/Kg wet	0.200		102	30-150			
LCS Dup (B218698-BSD1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		97.5	40-140	0.947	30	
Aroclor-1016 [2C]	0.21	0.020	mg/Kg wet	0.200		104	40-140	2.09	30	
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		95.2	40-140	0.327	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		94.7	40-140	2.19	30	
Surrogate: Decachlorobiphenyl	*0.246*		mg/Kg wet	0.200		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg wet	0.200		111	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			

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 B218698 - SW-846 3540C										
Matrix Spike (B218698-MS1)	**Source: 18L0278-01**			Prepared: 12/07/18 Analyzed: 12/11/18						
Aroclor-1016	0.20	0.023	mg/Kg dry	0.233	ND	87.2	40-140			
Aroclor-1016 [2C]	0.21	0.023	mg/Kg dry	0.233	ND	88.3	40-140			
Aroclor-1260	0.19	0.023	mg/Kg dry	0.233	ND	79.6	40-140			
Aroclor-1260 [2C]	0.19	0.023	mg/Kg dry	0.233	ND	80.3	40-140			
Surrogate: Decachlorobiphenyl	*0.239*		mg/Kg dry	0.233		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.225*		mg/Kg dry	0.233		96.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.225*		mg/Kg dry	0.233		96.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg dry	0.233		96.8	30-150			
Matrix Spike Dup (B218698-MSD1)	**Source: 18L0278-01**			Prepared: 12/07/18 Analyzed: 12/11/18						
Aroclor-1016	0.21	0.025	mg/Kg dry	0.246	ND	86.3	40-140	4.71	50	
Aroclor-1016 [2C]	0.22	0.025	mg/Kg dry	0.246	ND	87.8	40-140	5.13	50	
Aroclor-1260	0.20	0.025	mg/Kg dry	0.246	ND	79.6	40-140	5.76	50	
Aroclor-1260 [2C]	0.20	0.025	mg/Kg dry	0.246	ND	82.3	40-140	8.14	50	
Surrogate: Decachlorobiphenyl	*0.250*		mg/Kg dry	0.246		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.239*		mg/Kg dry	0.246		96.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.227*		mg/Kg dry	0.246		92.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.228*		mg/Kg dry	0.246		92.7	30-150			
Batch B218699 - SW-846 3540C										
Blank (B218699-BLK1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg wet	0.200		96.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.163*		mg/Kg wet	0.200		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.168*		mg/Kg wet	0.200		84.2	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 B218699 - SW-846 3540C										
LCS (B218699-BS1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		91.1	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		92.6	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		95.6	40-140			
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		93.7	40-140			
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		91.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			
LCS Dup (B218699-BSD1)				Prepared: 12/07/18 Analyzed: 12/10/18						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		88.9	40-140	2.41	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		88.3	40-140	4.78	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		90.7	40-140	5.25	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		89.0	40-140	5.12	30	
Surrogate: Decachlorobiphenyl	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		88.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			

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

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 B218806 - % Solids										
Duplicate (B218806-DUP4)	**Source: 18L0278-12**			Prepared: 12/09/18 Analyzed: 12/10/18						
% Solids	64.6		% Wt		67.9			4.95	20	
Duplicate (B218806-DUP5)	**Source: 18L0278-23**			Prepared: 12/09/18 Analyzed: 12/10/18						
% Solids	42.0		% Wt		43.4			3.12	20	

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T2-E

Lab Sample ID: 18L0278-04 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	2.4	
	2	0.000	-0.030	0.030	2.2	8.7

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T2-C

Lab Sample ID: 18L0278-05 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	1.9	
	2	0.000	-0.030	0.030	1.7	11.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T3-C

Lab Sample ID: 18L0278-08 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.057	
	2	0.000	-0.030	0.030	0.056	1.8

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T4-E

Lab Sample ID: 18L0278-10 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.57	
	2	0.000	-0.030	0.030	0.65	13.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T4-C

Lab Sample ID: 18L0278-11 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.057	
	2	0.000	-0.030	0.030	0.056	1.8

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

T5-E

Lab Sample ID: 18L0278-13 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.078	
	2	0.000	-0.030	0.030	0.073	6.6

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-SE1

Lab Sample ID: 18L0278-25 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.059	
	2	0.000	-0.030	0.030	0.080	30.2

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Outfall-1

Lab Sample ID: 18L0278-27 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	3.7	
	2	0.000	-0.030	0.030	4.4	17.3

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Outfall-2

Lab Sample ID: 18L0278-28 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	3.4	
	2	0.000	-0.030	0.030	3.9	13.7

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Outfall-3

Lab Sample ID: 18L0278-29 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	8.2	
	2	0.000	-0.030	0.030	9.6	15.7

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B218698-BS1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.20	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.19	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B218698-BSD1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.21	4.9
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.19	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B218698-MS1 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.21	4.9
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.19	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B218698-MSD1 Date(s) Analyzed: 12/11/2018 12/11/2018

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.22	4.7
Aroclor-1260	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.20	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B218699-BS1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.19	5.4
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.19	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B218699-BSD1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
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.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

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

1810278

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

Page 1 of 3

Company Name:	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
Project Name:	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/WS/GP

Turnaround Time Requested
7-Day ☐ 10-Day ☐
Due Date:

Turnaround Time Requested
1-Day ☐ 3-Day ☑
2-Day ☐ 4-Day ☐

Report Format / Deliverables
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	PBCs	# of Containers	[2] Preservation Code	[3] Container Code
1	T1-E	12/5/2018	920		X	SOL	U	X			
2	T1-C	12/5/2018	920		X			X			
3	T1-W	12/5/2018	920		X			X			
4	T2-E	12/5/2018	925		X			X			
5	T2-C	12/5/2018	925		X			X			
6	T2-W	12/5/2018	925		X			X			
7	T3-E	12/5/2018	930		X			X			
8	T3-C	12/5/2018	930		X			X			
9	T3-W	12/5/2018	930		X			X			
10	T4-E	12/5/2018	935		X			X			

Field Filtered ○ Lab to Filter
Field Filtered ○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Eversource Pricing
*Sediment samples

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:	Lab Use Only	Special Requirements
Relinquished by: (signature)	12/5 900		☐ MA MCP Required
Received by: (signature)	12-6-18 1020		MCP Certification Form Required
Relinquished by: (signature)			☑ CT RCP Required
Received by: (signature) 2.8 5.5	12-6-18 1825		RCP Certification Form Required
Relinquished by: (signature)			☐ MA State DW Required
Received by: (signature)		PWSID #	

con-test ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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

18L0278

CHAIN OF CUSTODY RECORD

Reported to:	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
Copy to:	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/WS/GP

7-Day ☐ 10-Day ☐
Due Date:

1-Day ☐ 3-Day ☑
2-Day ☐ 4-Day ☐

Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PBCs
11	T4 - C	12/5/2018	935		X	SOL	U	X
12	T4 - W	12/5/2018	935		X			X
13	T5 - E	12/5/2018	1135		X			X
14	T5 - C	12/5/2018	1125		X			X
15	T5 - W	12/5/2018	1130		X			X
16	T6 - E	12/5/2018	1140		X			X
17	T6 - C	12/5/2018	1105		X			X
18	T6 - W	12/5/2018	1115		X			X
19	T7 - E	12/5/2018	1150		X			X
20	T7 - C	12/5/2018	1145		X			X

# of Containers
[2] Preservation Code
[3] Container Code

Field Filtered ○ Lab to Filter
Field Filtered ○ Lab to Filter

Comments: Eversource Pricing
*Sediment sampler

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 12/5 900	Special Requirements	
Received by: (signature)	Date/Time: 12-6-18 10:20	☐ MA MCP Required	
Relinquished by: (signature)	Date/Time:	☐ RCP Certification Form Required	
Received by: (signature) 2.8 5.5	Date/Time: 12-6-18 1825	☑ CT RCP Required	
Relinquished by: (signature)	Date/Time:	☐ RCP Certification Form Required	
Received by: (signature)	Date/Time:	☐ MA State DW Required	
		PWSID #	

con-test ANALYTICAL LABORATORY www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 165
Page 702 of 1638
Table of Contents

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

1810278

CHAIN OF CUSTODY RECORD

Company:	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
Project Name:	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/WS/GP

Turnaround Time (Business Days)
7-Day ☐ 10-Day ☐
Due Date:

Reporting Requirements
1-Day ☐ 3-Day ☑
2-Day ☐ 4-Day ☐

Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code
21	T7W	12/5/2018	1155		X	SOL	4
22	T8-E	12/5/2018	1200		X		4
23	T8-C	12/5/2018	1205		X		4
24	T8-W	12/5/2018	1205		X		4
25	DUP-S21	12/5/2018	1150		X		4
26	DUP S22	12/5/2018	1200		X		4
27	Outfall-1	12/5/2018	955		X		H4
28	Outfall-2	12/5/2018	1000		X		H4
29	Outfall-3	12/5/2018	1005		X		H4
		12/5/2018			X		H4

ANALYSIS REQUESTED

PBCs

# of Containers	
[2] Preservation Code	
[3] Container Code	

Field Filtered ☐ Lab to Filter ☐

Field Filtered ☐ Lab to Filter ☐

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Eversource Pricing
*Sediment Samples

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

AB

Relinquished by: (signature)	Date/Time: 12/5 900	Data Deliverables	Special Requirements
Received by: (signature)	Date/Time: 12/6/18 10:20	ADD	MA MCP Required ☐
Relinquished by: (signature)	Date/Time:		MCP Certification Form Required
Received by: (signature) 2.8 J-5	Date/Time: 12-6-18 1025		CT RCP Required ☑
Relinquished by: (signature)	Date/Time:		RCP Certification Form Required
Received by: (signature)	Date/Time:		MA State DW Required ☐
		PWSID #	

con-test® ANALYTICAL LABORATORY www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
Chromatogram ☐
AIHA-LAP,LLC ☐

PCB ONLY
Soxhlet ☐
Non Soxhlet ☐

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 165
Page 703 of 1638
Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston + Sampson

Received By LR Date 12-6-18 Time 1825

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 2.8, 5.5
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? T Who was notified? Kayla
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? C
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? T
Do all samples have the proper pH? Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	2
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 27 Parsons Ln., Durham, CT

Project Number: 18L0278

Laboratory Sample ID(s):

18L0278-01 thru 18L0278-29

Sample Date(s):

12/05/2018

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **12/11/18**

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

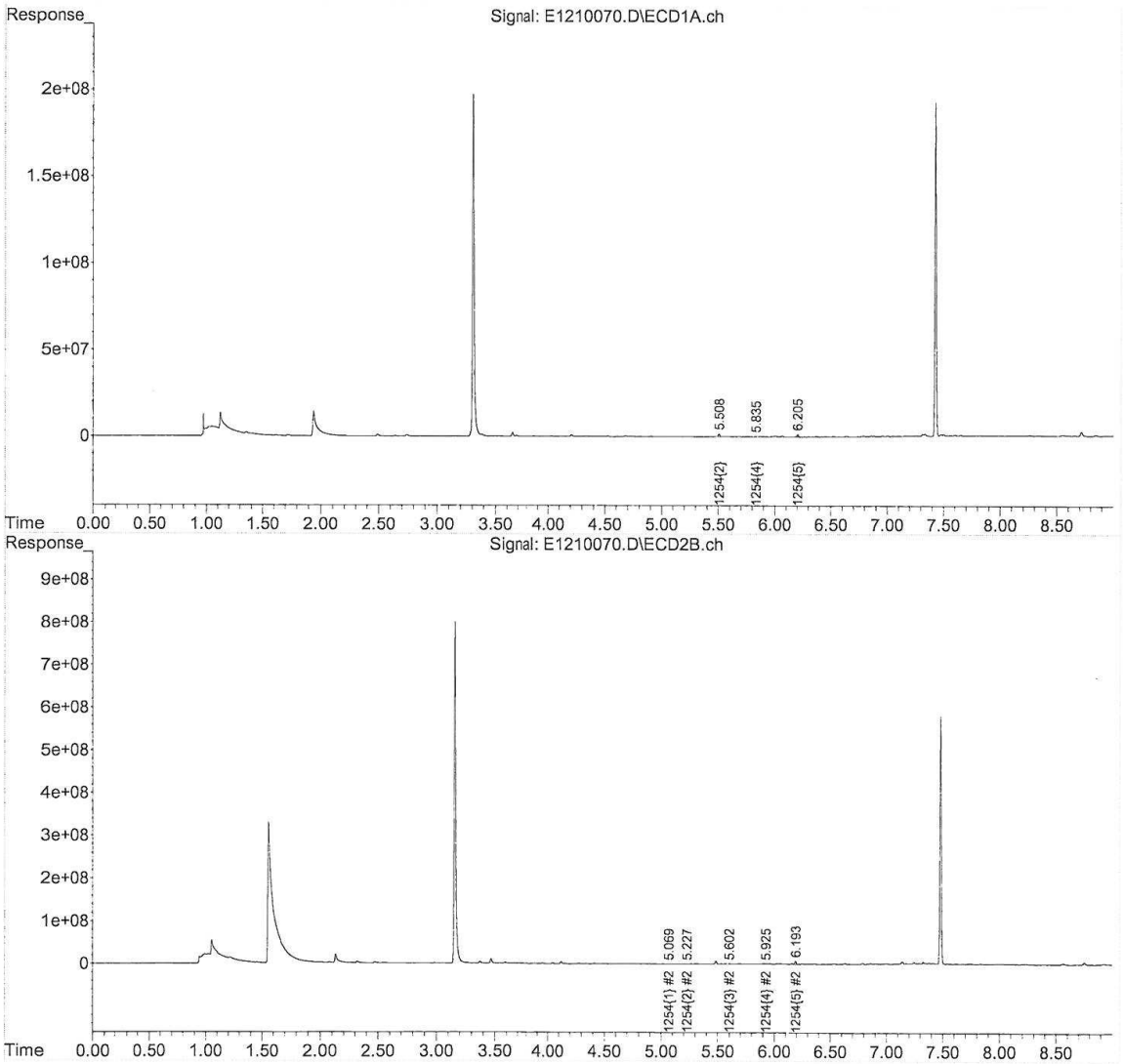
This certification form is to be used for RCP methods only.

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 9:56 am
Operator : JMB
Sample : 18L0278-01@TBA Inst : ECD 5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:53:43 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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



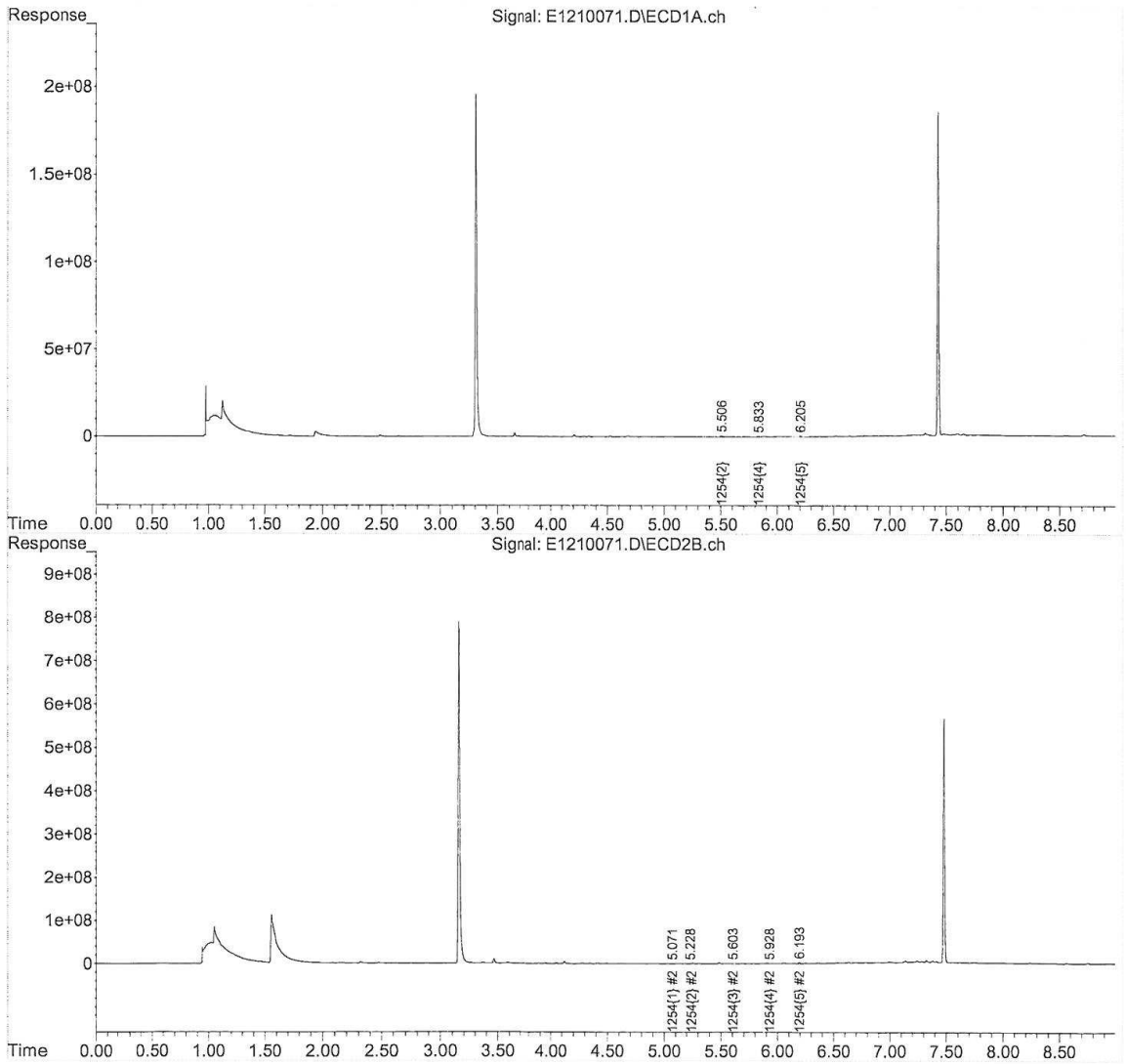
5-1254-120818.M Tue Dec 11 15:26:24 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:08 am
Operator : JMB
Sample : 18L0278-02@TBA Inst : ECD 5
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:53:46 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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



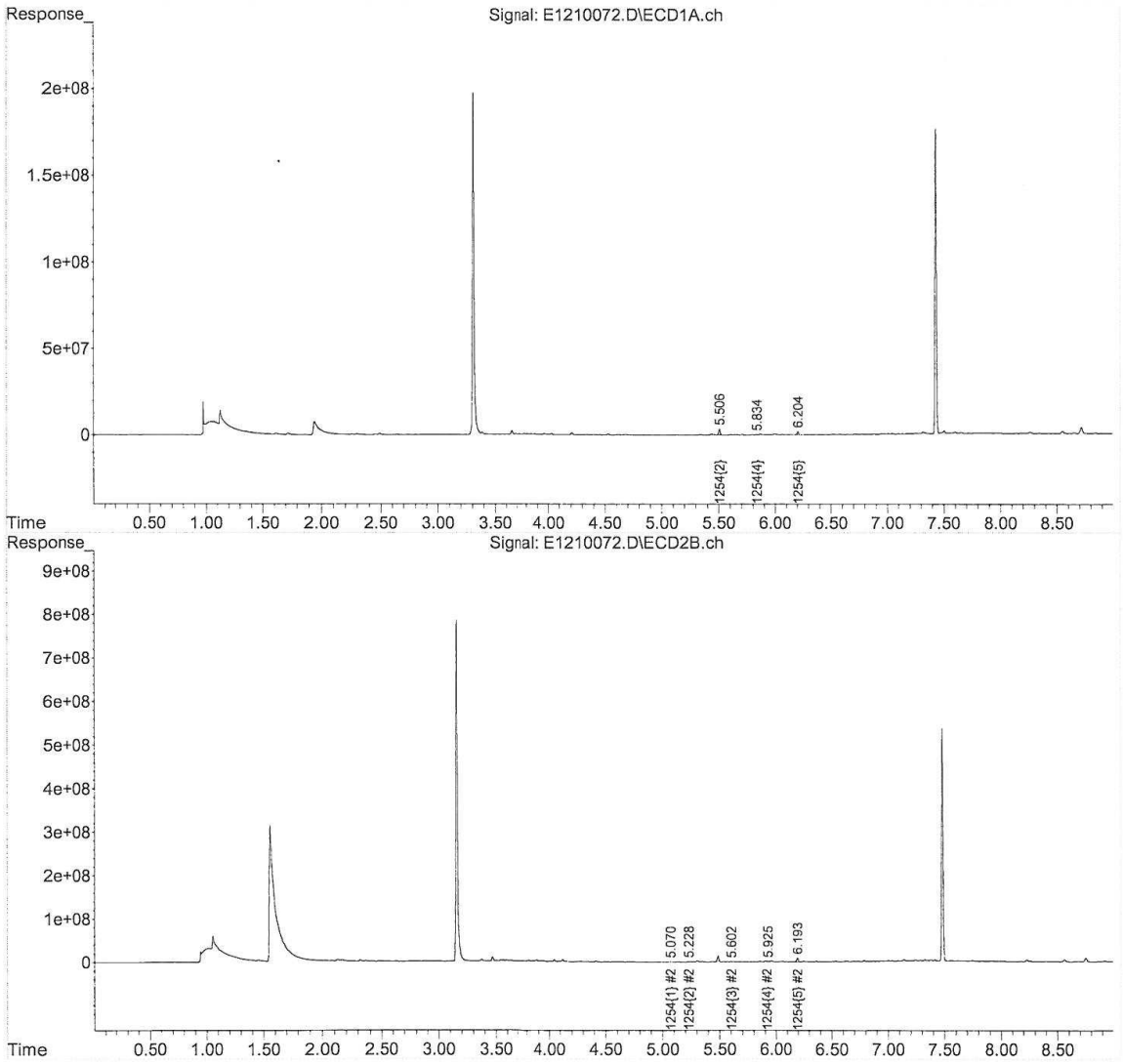
5-1254-120818.M Tue Dec 11 15:26:26 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:21 am
Operator : JMB
Sample : 18L0278-03@TBA Inst : ECD 5
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:53:48 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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



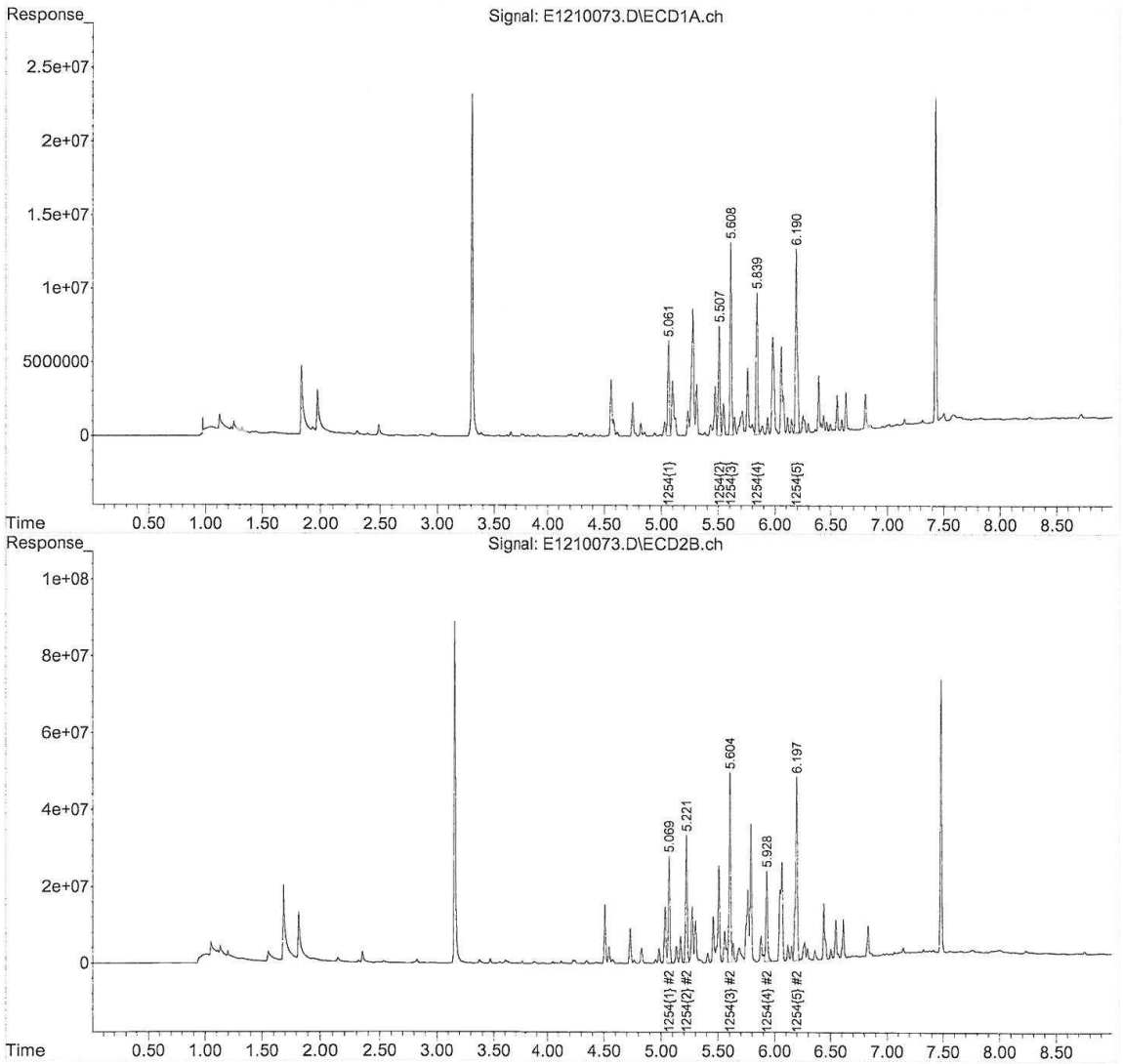
5-1254-120818.M Tue Dec 11 15:26:28 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:34 am
Operator : JMB
Sample : 18L0278-04@8X TBA Inst : ECD 5
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:51:18 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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

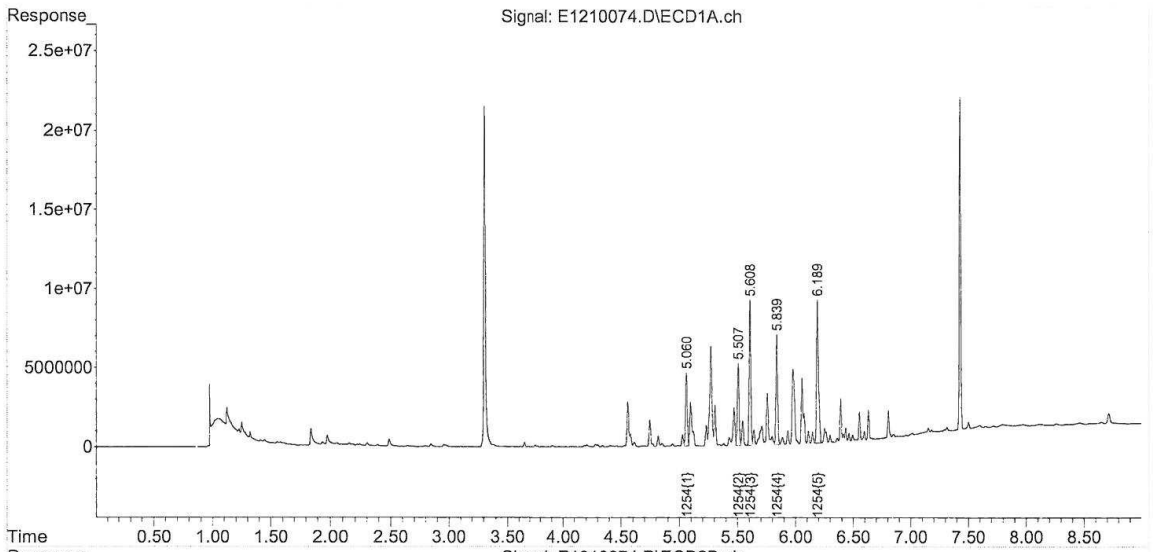


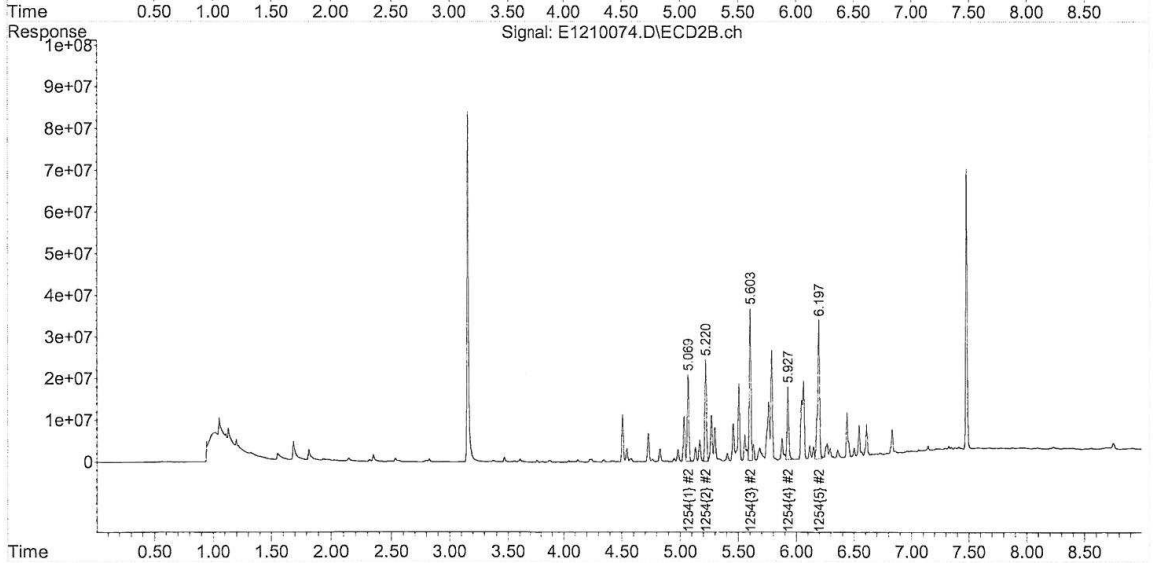
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:46 am
Operator : JMB
Sample : 18L0278-05@8X TBA Inst : ECD 5
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:52:08 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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



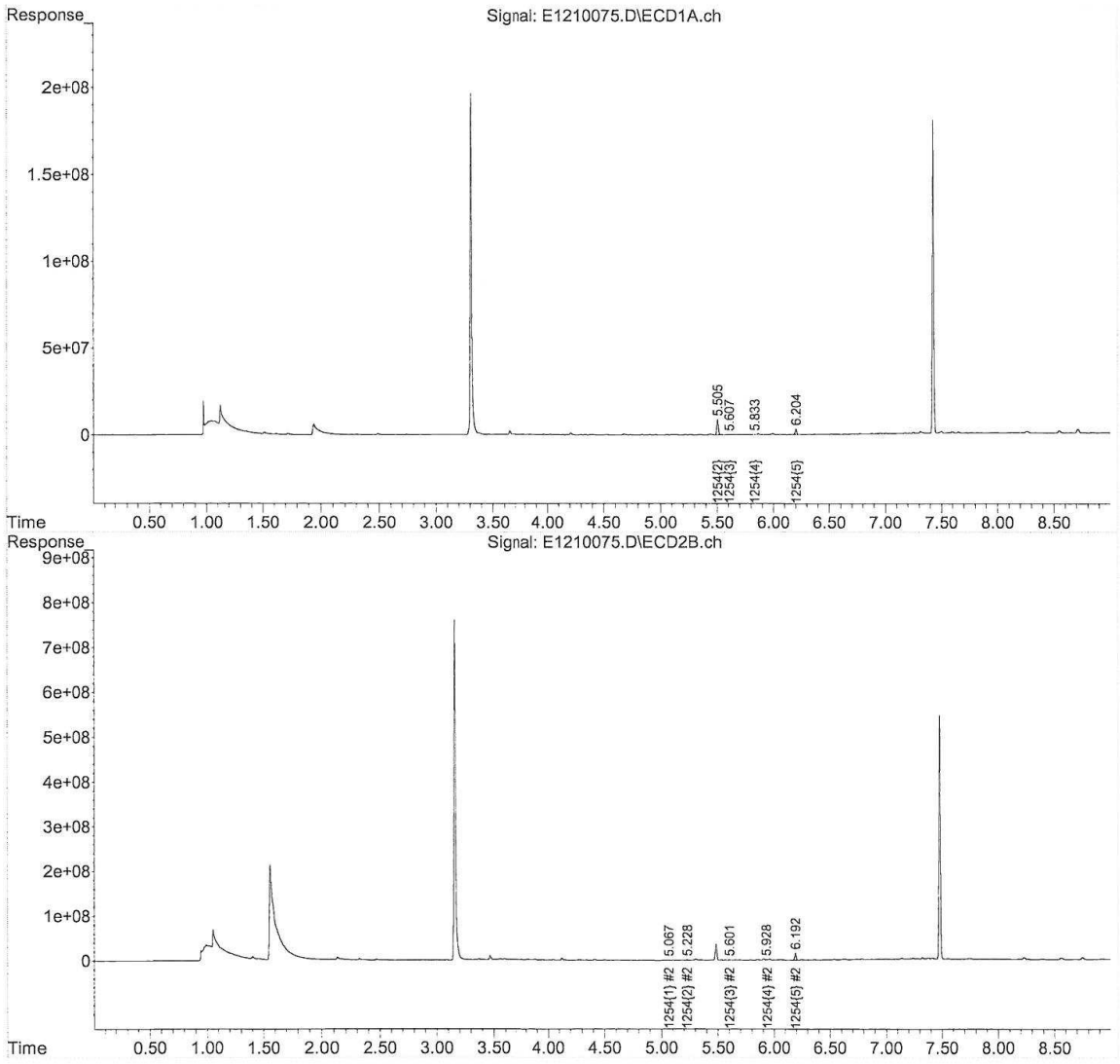


Quantitation Report (Not Reviewed)

```
Data Path : C:\msdchem\1\data\121018\
Data File : E1210075.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 11 Dec 2018  10:59 am
Operator  : JMB
Sample    : 18L0278-06@TBA                          Inst    : ECD 5
Misc      :
ALS Vial  : 75   Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:53:50 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title  : 1254   11/27/18   11/06/18   ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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

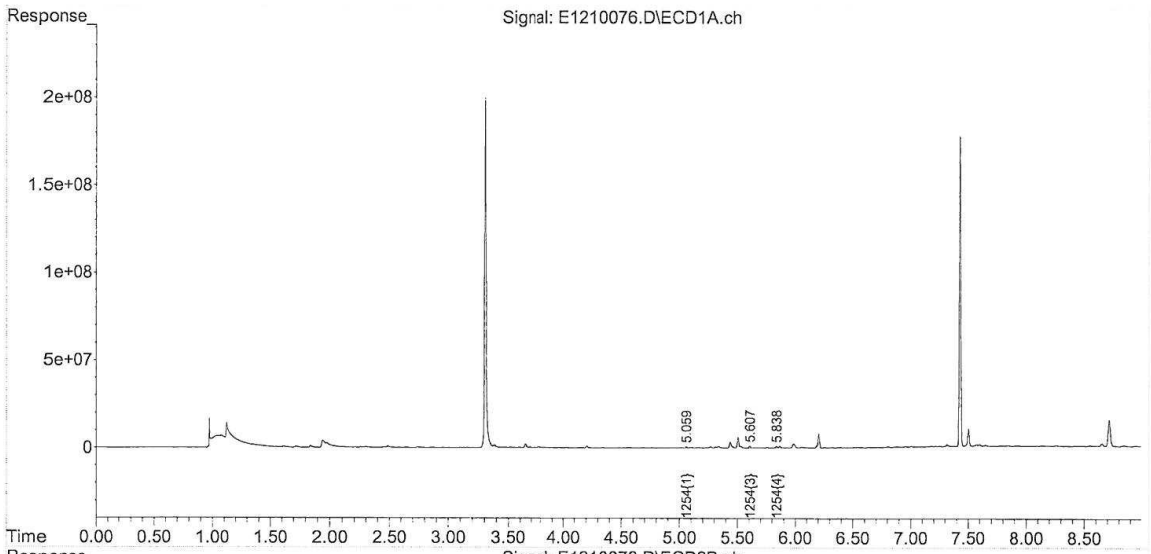


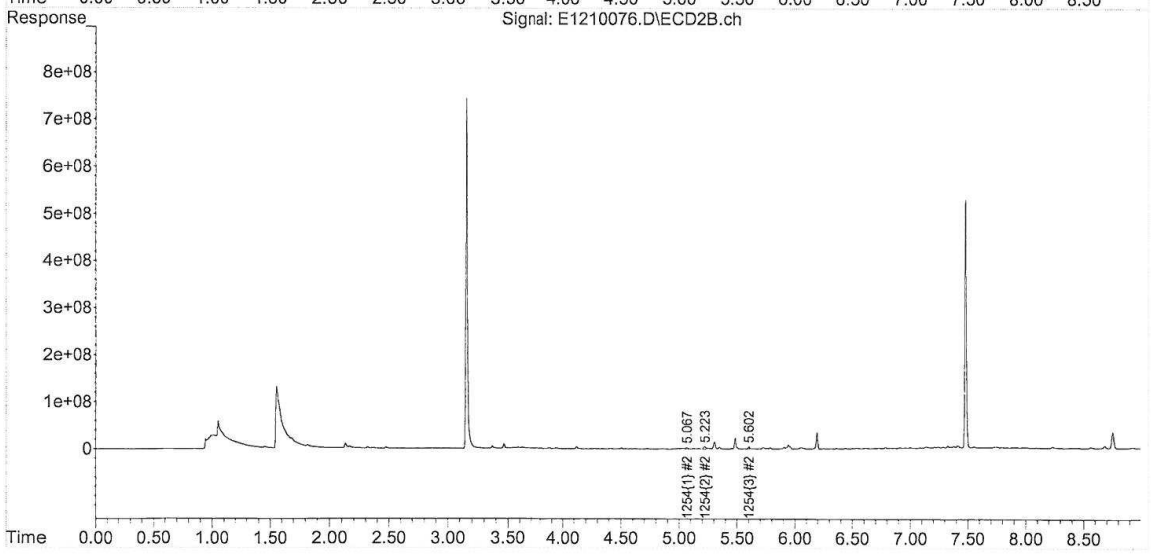
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : E1210076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 11:11 am
Operator : JMB
Sample : 18L0278-07@TBA Inst : ECD 5
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Dec 11 14:53:52 2018
Quant Method : C:\msdchem\1\methods\PCB methods\5-1254-120818.M
Quant Title : 1254 11/27/18 11/06/18 ICAL 1800376
QLast Update : Tue Dec 04 17:30:31 2018
Response via : Initial Calibration
Integrator: ChemStation

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





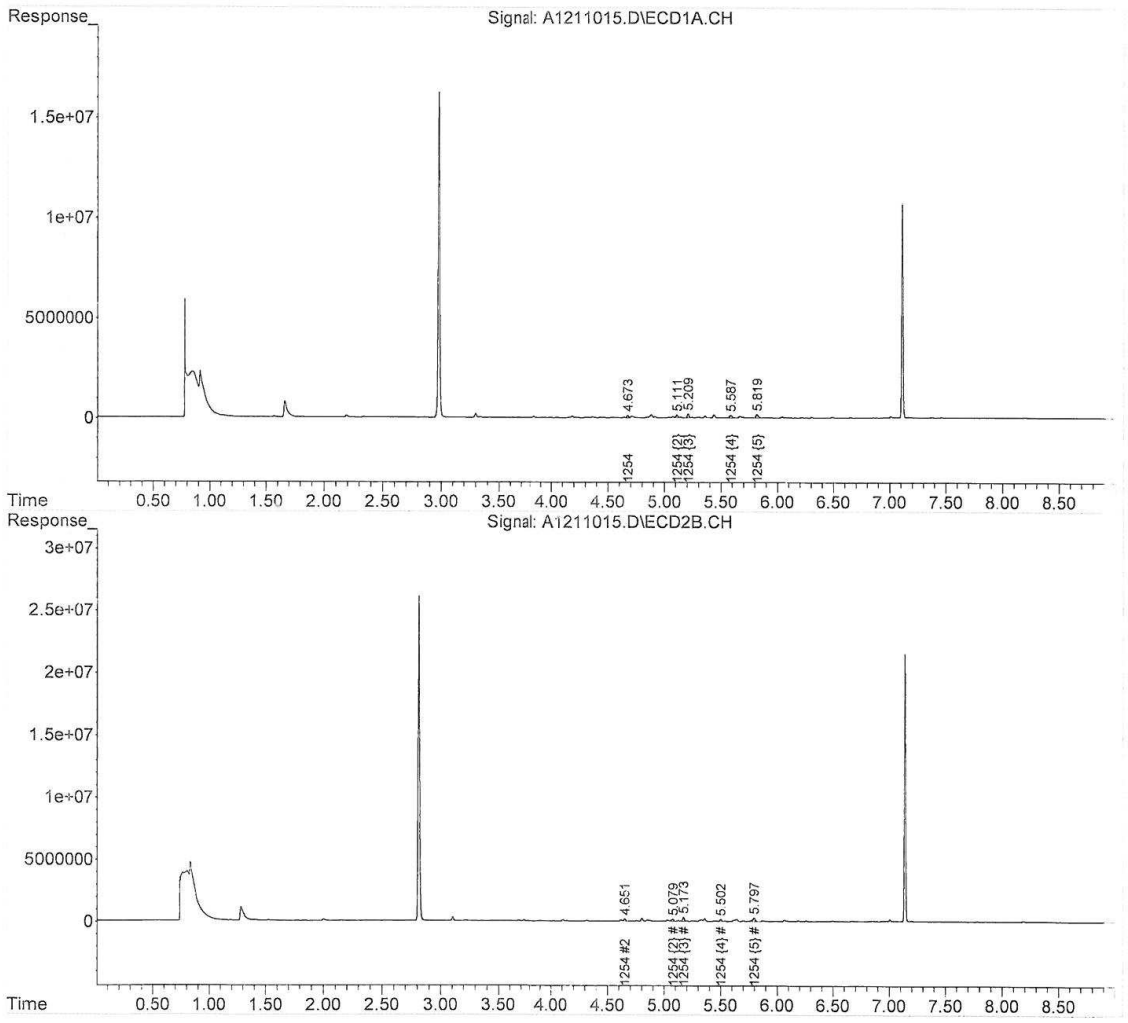
5-1254-120818.M Tue Dec 11 15:26:36 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211015.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 11:17 am
Operator : JMB
Sample : 18L0278-08@TBA Inst : HP G1530A
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: 54-F.E
Integration File signal 2: 54-B.E
Quant Time: Dec 11 13:15:01 2013
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1254-112818C.M
Quant Title : 1254 11/28/18 11/06/18 ICAL 1800377
QLast Update : Thu Nov 29 09:34:16 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

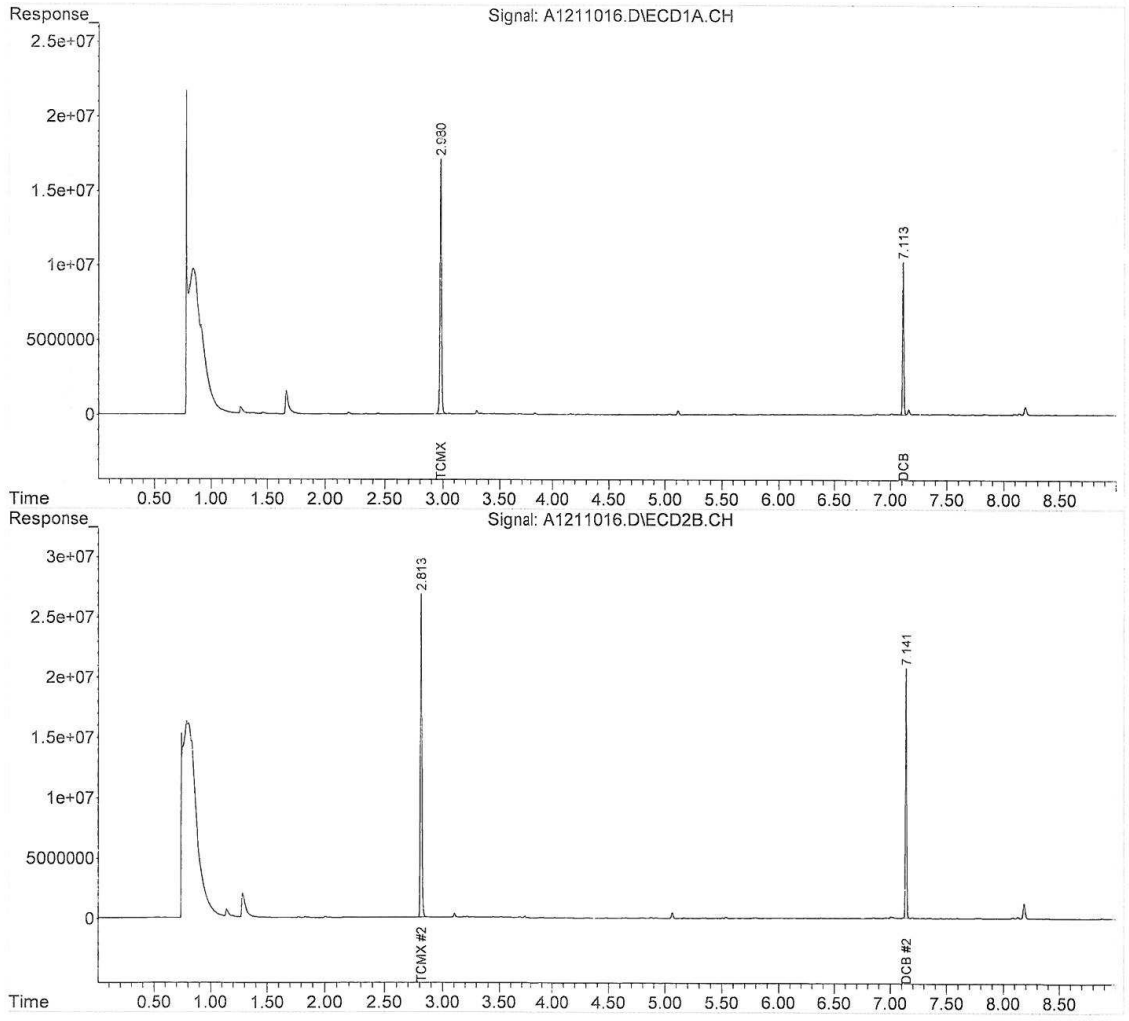


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211016.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 11:30 am
Operator : JMB
Sample : 18L0278-09@TBA Inst : HP G1530A
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: 16-F.E
Integration File signal 2: 60-B.E
Quant Time: Dec 11 13:19:38 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1260-112818C.M
Quant Title : 1260/1016 11/28/18 10/23/18 ICAL 1800377
QLast Update : Thu Nov 29 09:26:12 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



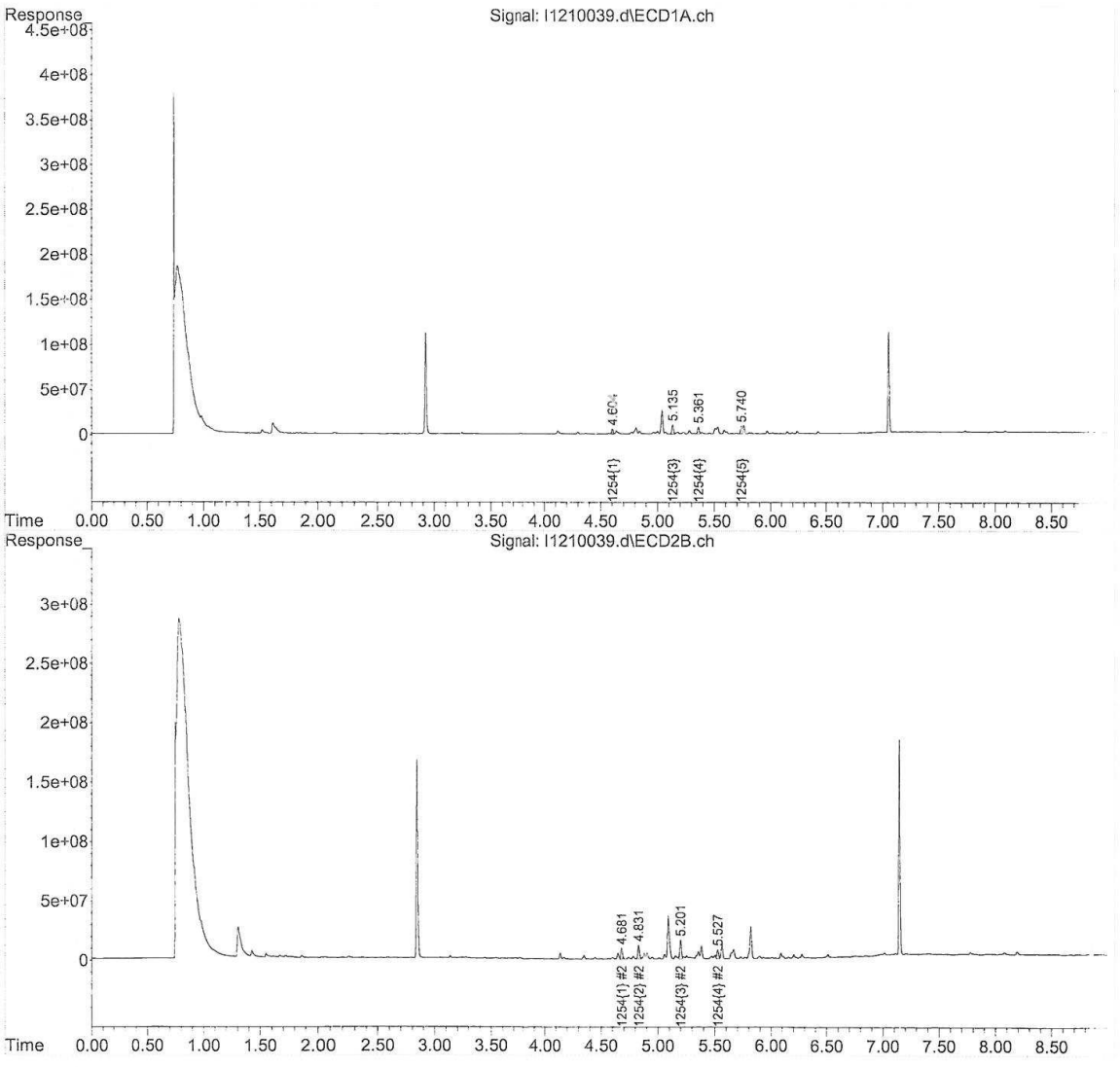
1-1260-112818C.M Tue Dec 11 14:42:02 2018

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210039.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 4:50 pm
Operator : JMB
Sample : 18L0278-10@4X TBA Inst : ECD 9
Misc :
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 09:06:29 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-120318C.M
Quant Title : 1254 12/03/18 11/06/18 ICAL 1800381
QLast Update : Tue Dec 04 09:25:10 2018
Response via : Initial Calibration
Integrator: ChemStation

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



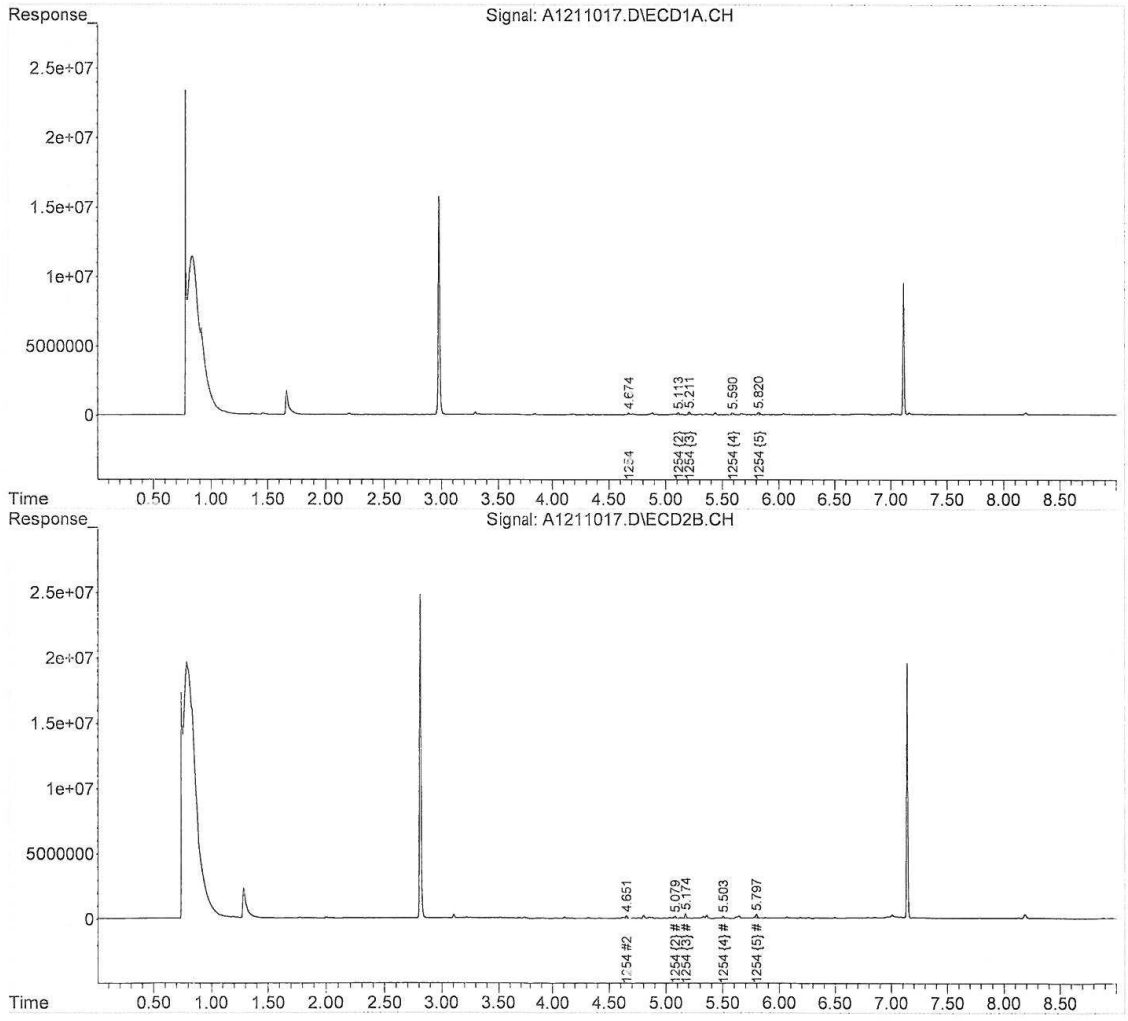
9-1254-120318C.M Tue Dec 11 15:17:25 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211017.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 11:43 am
Operator : JMB
Sample : 18L0278-11@TBA Inst : HP G1530A
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: 54-F.E
Integration File signal 2: 54-B.E
Quant Time: Dec 11 13:15:05 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1254-112818C.M
Quant Title : 1254 11/28/18 11/06/18 ICAL 1800377
QLast Update : Thu Nov 29 09:34:16 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



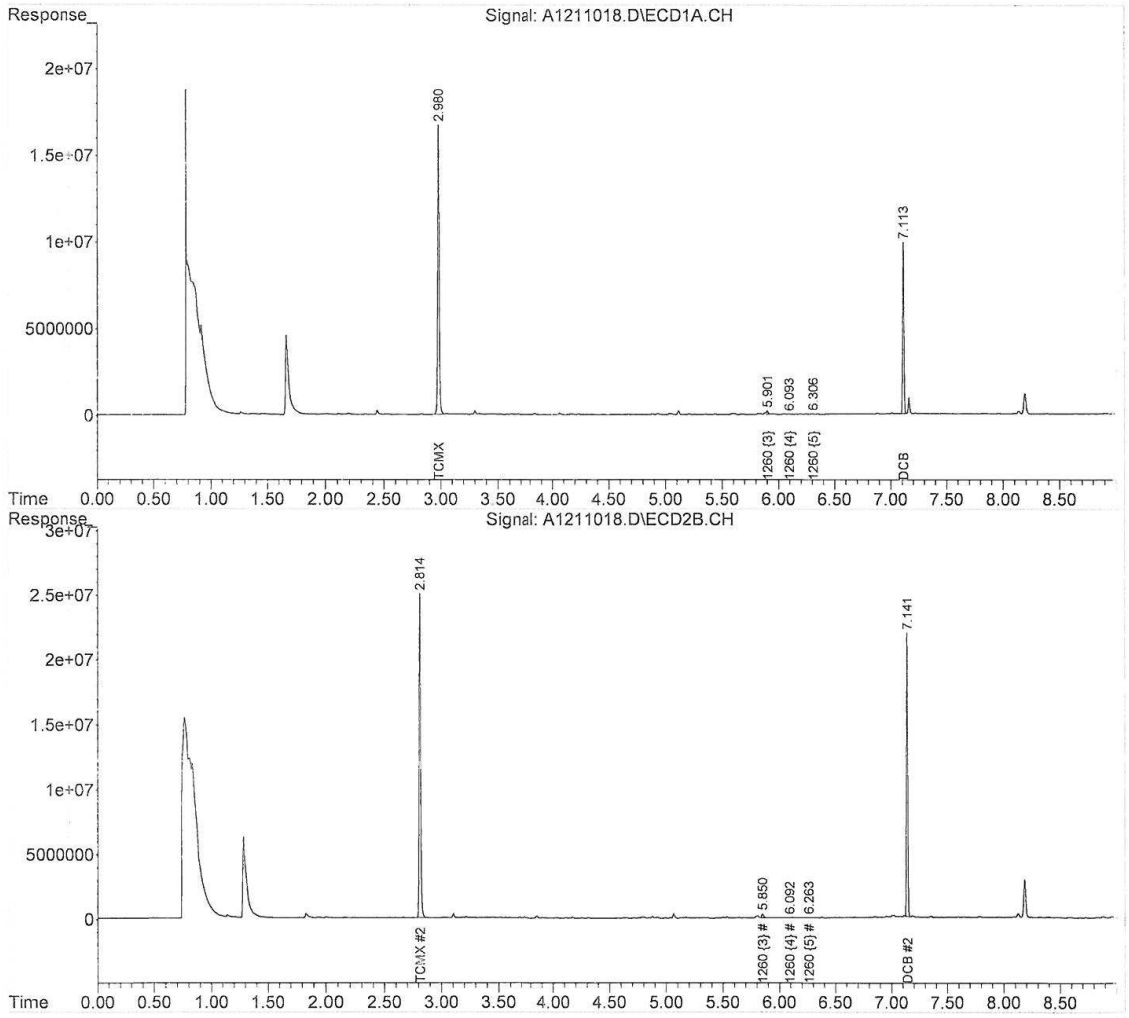
1-1254-112818C.M Tue Dec 11 14:42:37 2018

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211018.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 11:56 am
Operator : JMB
Sample : 18L0278-12@TBA Inst : HP G1530A
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: 16-F.E
Integration File signal 2: 60-B.E
Quant Time: Dec 11 13:20:43 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1260-112818C.M
Quant Title : 1260/1016 11/28/18 10/23/18 ICAL 1800377
QLast Update : Thu Nov 29 09:26:12 2018
Response via : Initial Calibration
Integrator: ChemStation G6890 Scale Mode: Small noise peaks clipped

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

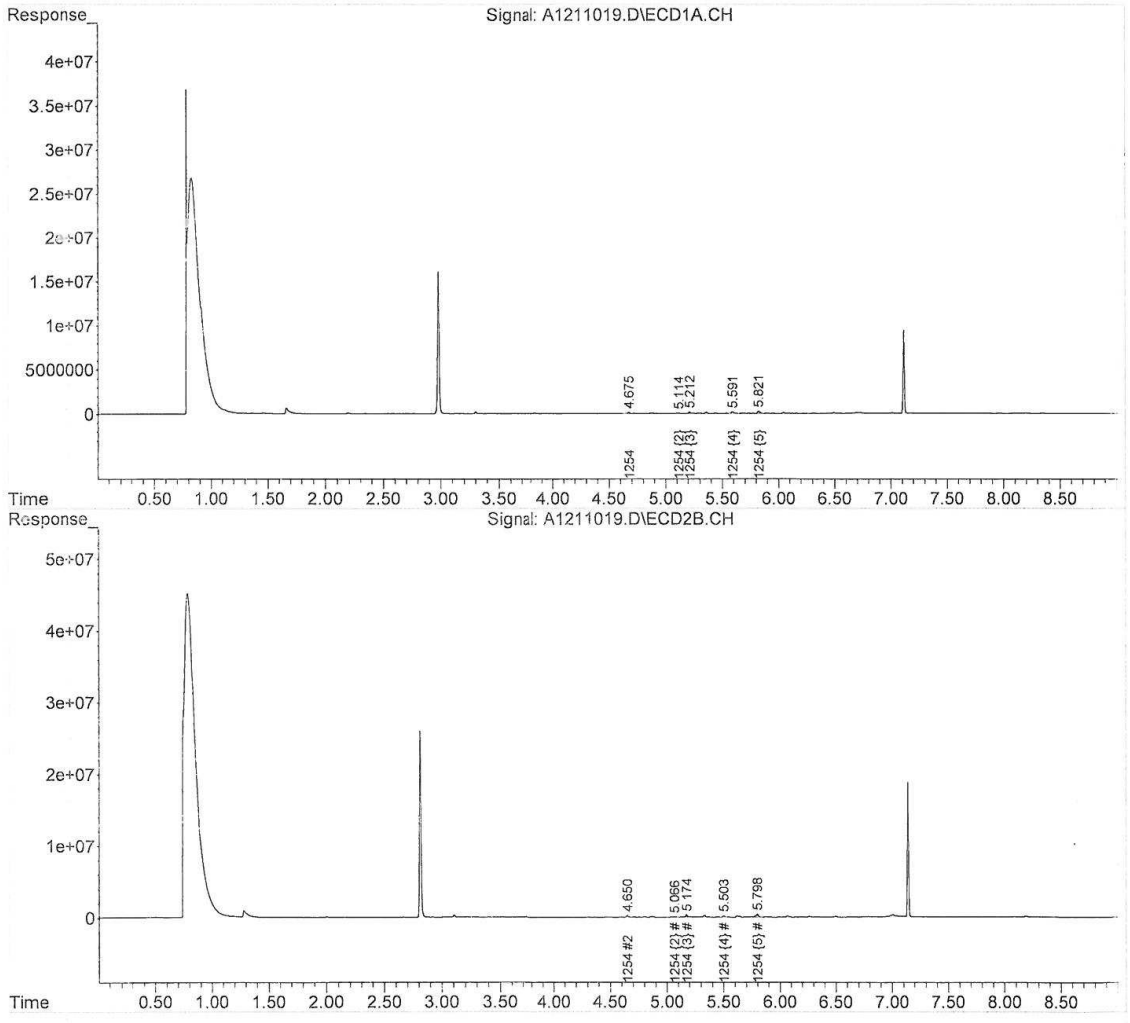


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211019.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 12:09 pm
Operator : JMB
Sample : 18L0278-13@TBA Inst : HP G1530A
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: 54-F.E
Integration File signal 2: 54-B.E
Quant Time: Dec 11 13:15:09 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1254-112818C.M
Quant Title : 1254 11/28/18 11/06/18 ICAL 1800377
QLast Update : Thu Nov 29 09:34:16 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

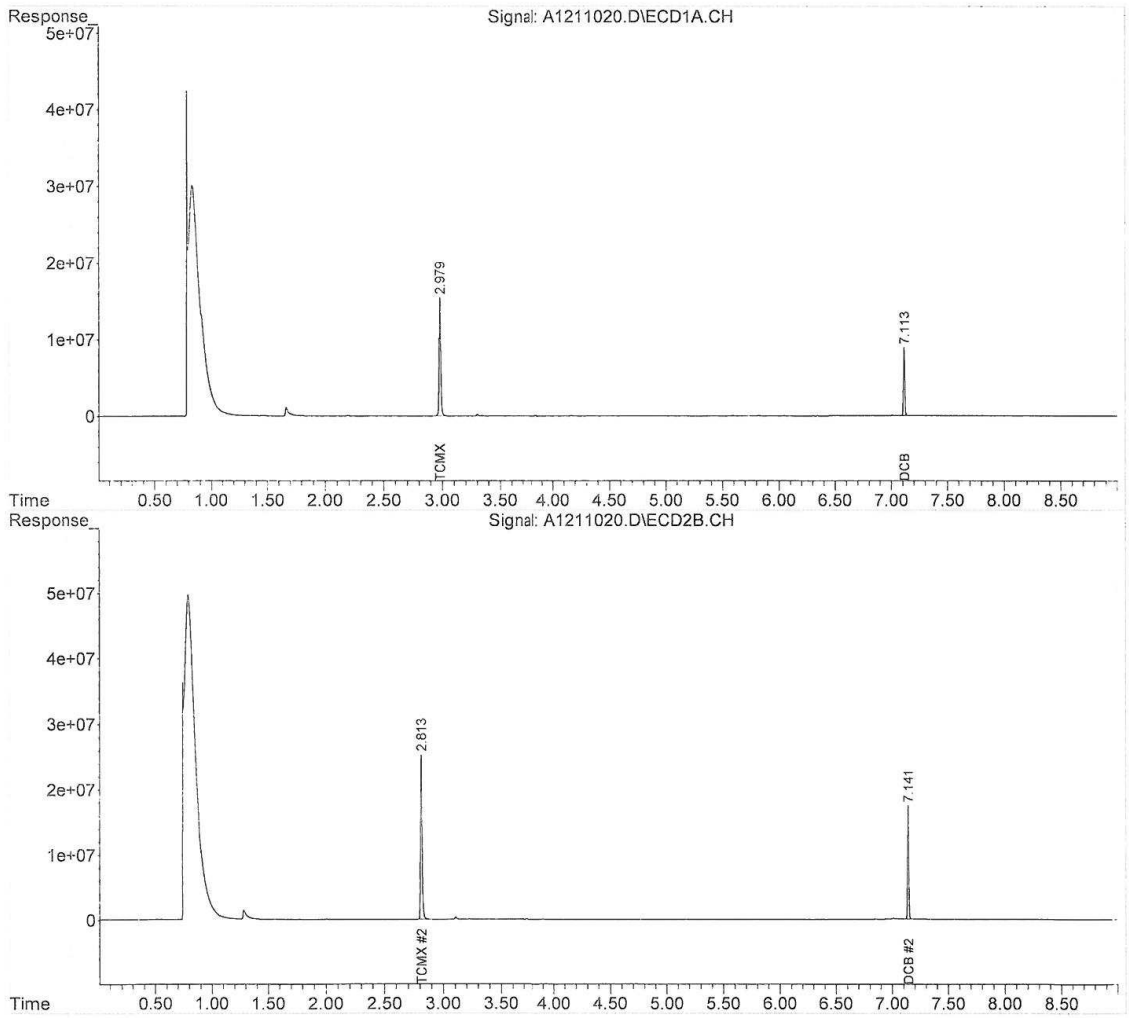


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211020.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 12:21 pm
Operator : JMB
Sample : 18L0278-14@TBA Inst : HP G1530A
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: 16-F.E
Integration File signal 2: 60-B.E
Quant Time: Dec 11 13:21:42 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1260-112818C.M
Quant Title : 1260/1016 11/28/18 10/23/18 ICAL 1800377
QLast Update : Thu Nov 29 09:26:12 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

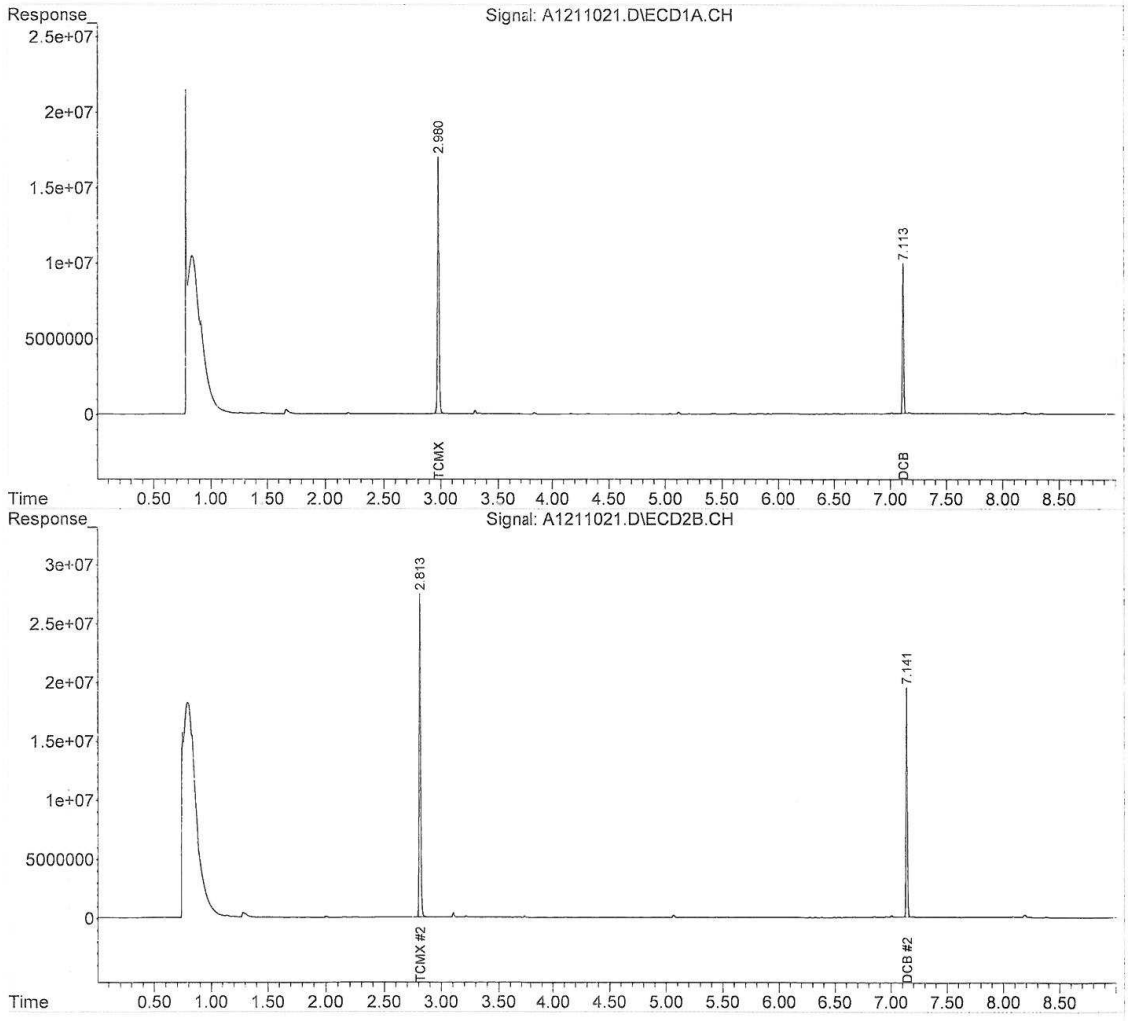


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\121118\
Data File : A1211021.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2018 12:34 pm
Operator : JMB
Sample : 18L0278-15@TBA Inst : HP G1530A
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: 16-F.E
Integration File signal 2: 60-B.E
Quant Time: Dec 11 13:22:16 2018
DataAcq Meth:PCB02.M
Quant Method : C:\msdchem\1\METHODS\PCB METHODS\1-1260-112818C.M
Quant Title : 1260/1016 11/28/18 10/23/18 ICAL 1800377
QLast Update : Thu Nov 29 09:26:12 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

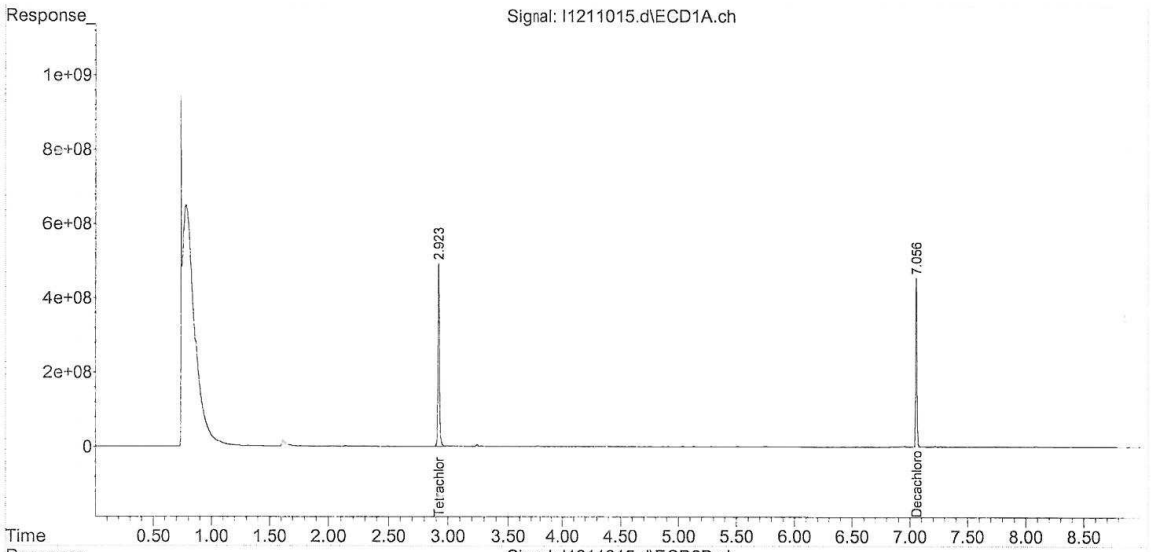


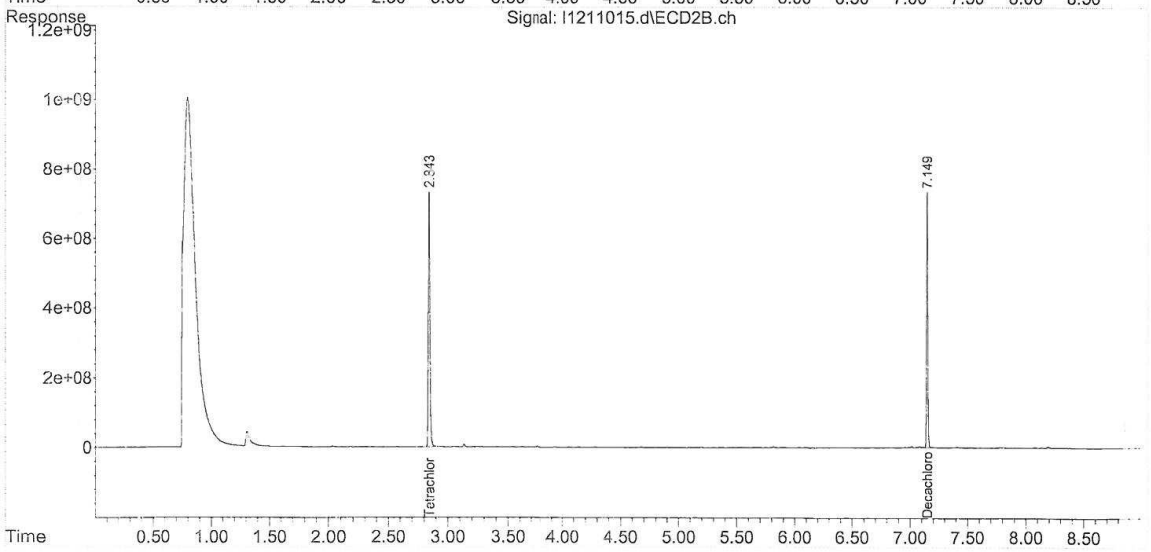
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121118\
Data File : I1211015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 11:29 am
Operator : JMB
Sample : 18L0278-16@TBA Inst : ECD 9
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 11 14:40:53 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-121118.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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





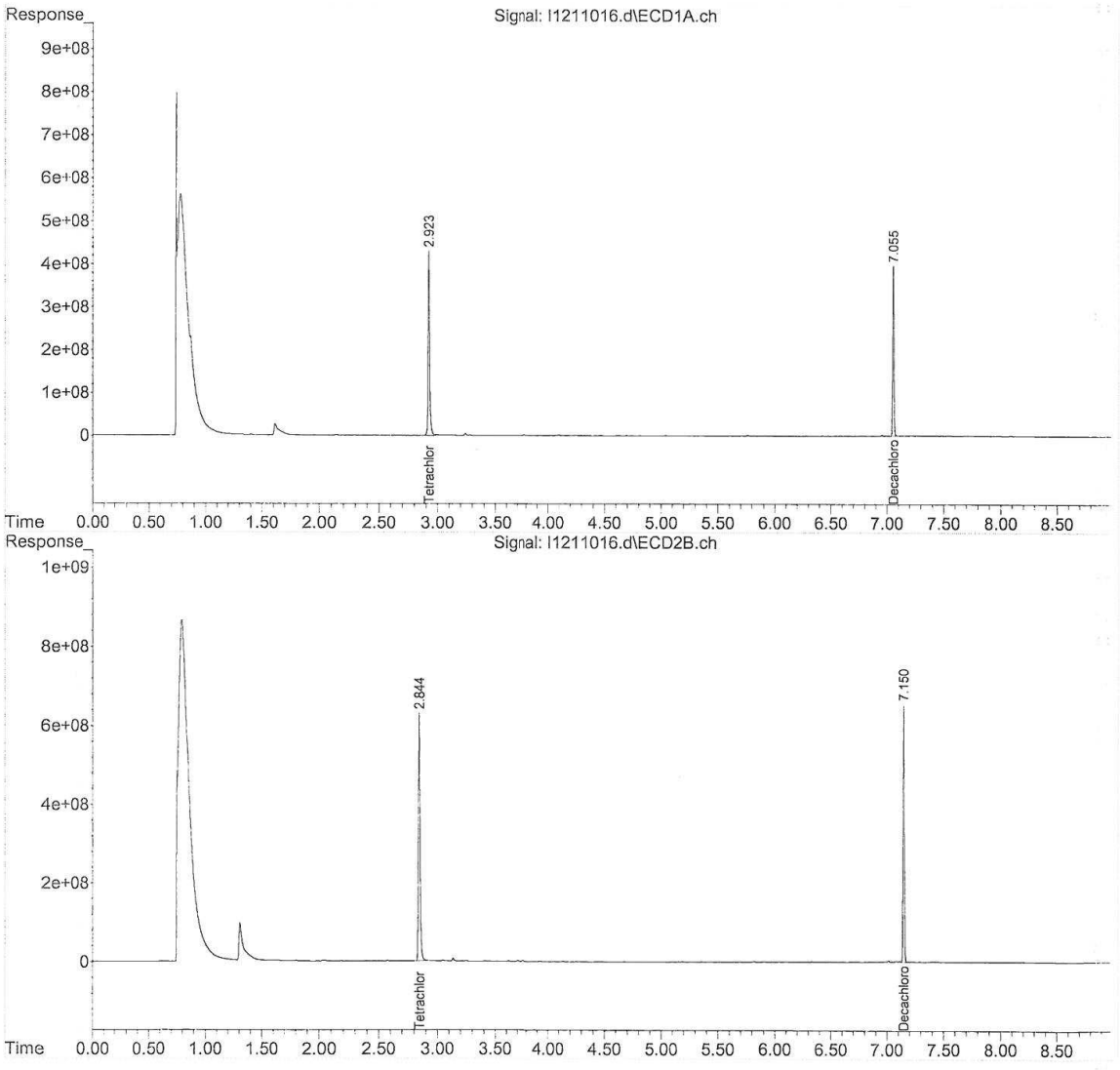
9-1260-121118.M Tue Dec 11 15:21:34 2018

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121118\
Data File : I1211016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 11:41 am
Operator : JMB
Sample : 18L0278-17@TBA Inst : ECD 9
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 11 14:45:18 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-121118.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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

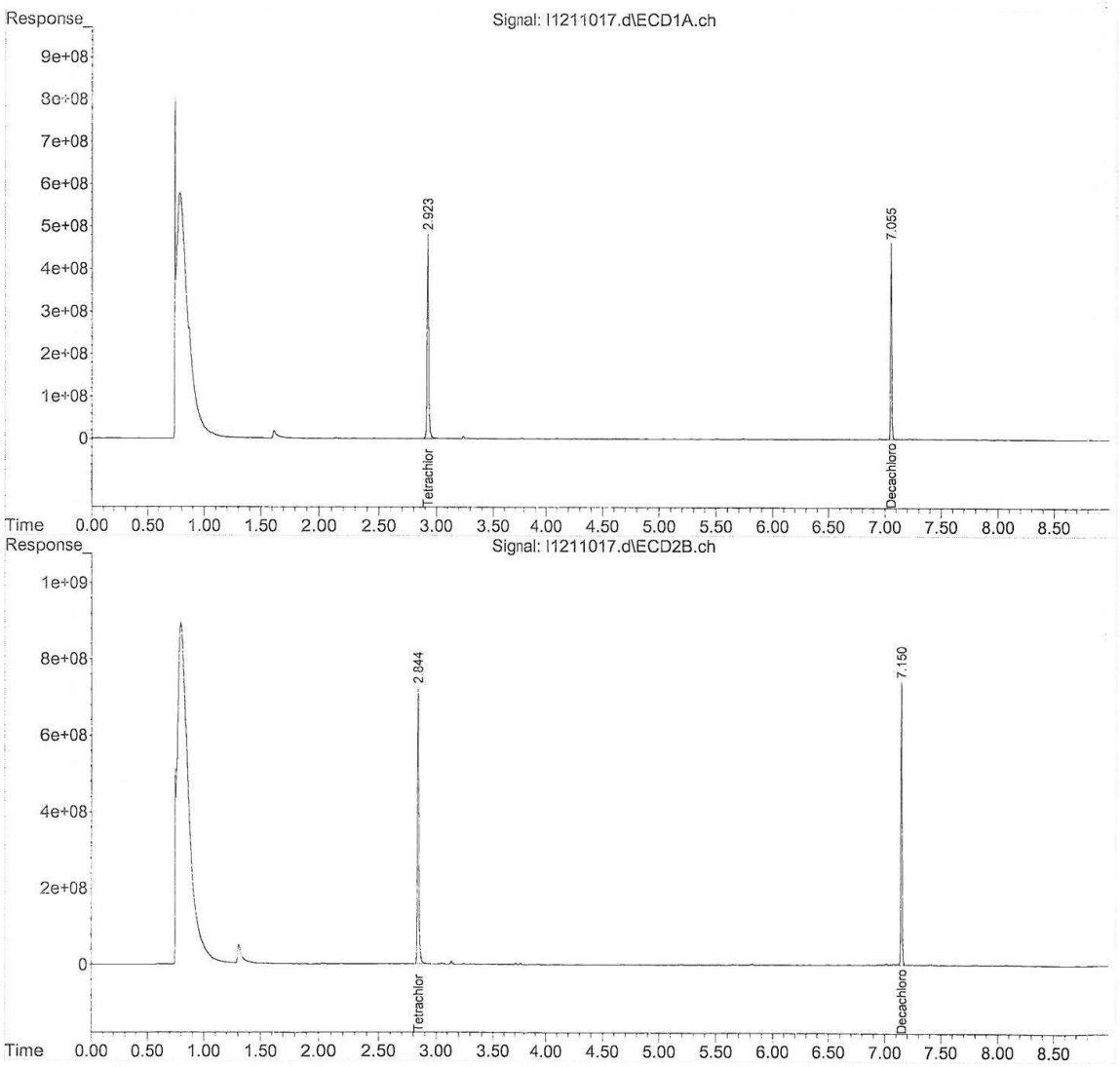


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121118\
Data File : I1211017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 11:53 am
Operator : JMB
Sample : 18L0278-18@TBA Inst : ECD 9
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 11 14:46:52 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-121118.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



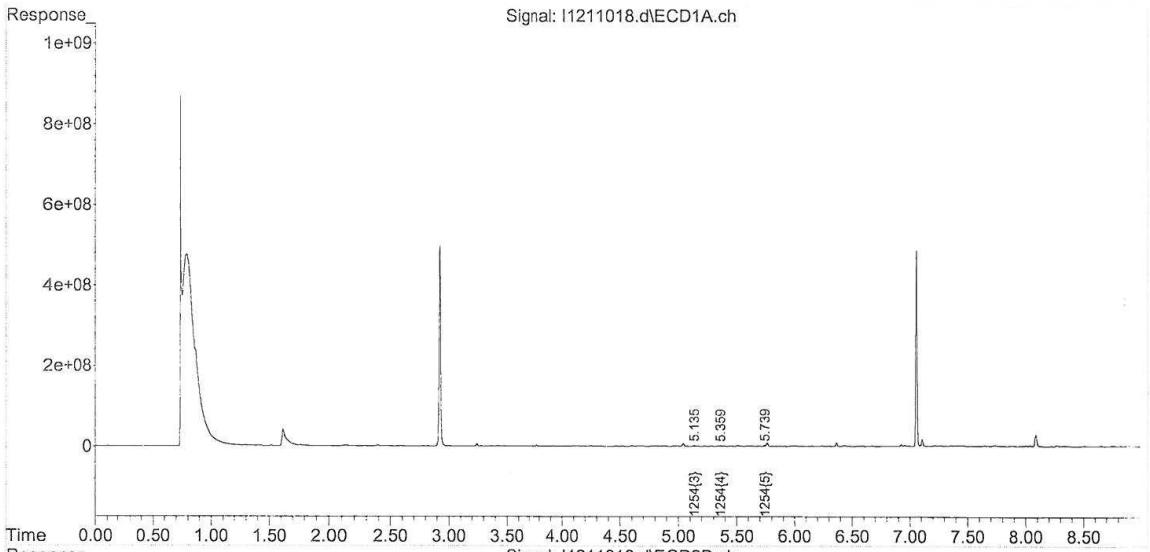
9-1260-121118.M Tue Dec 11 15:21:47 2018

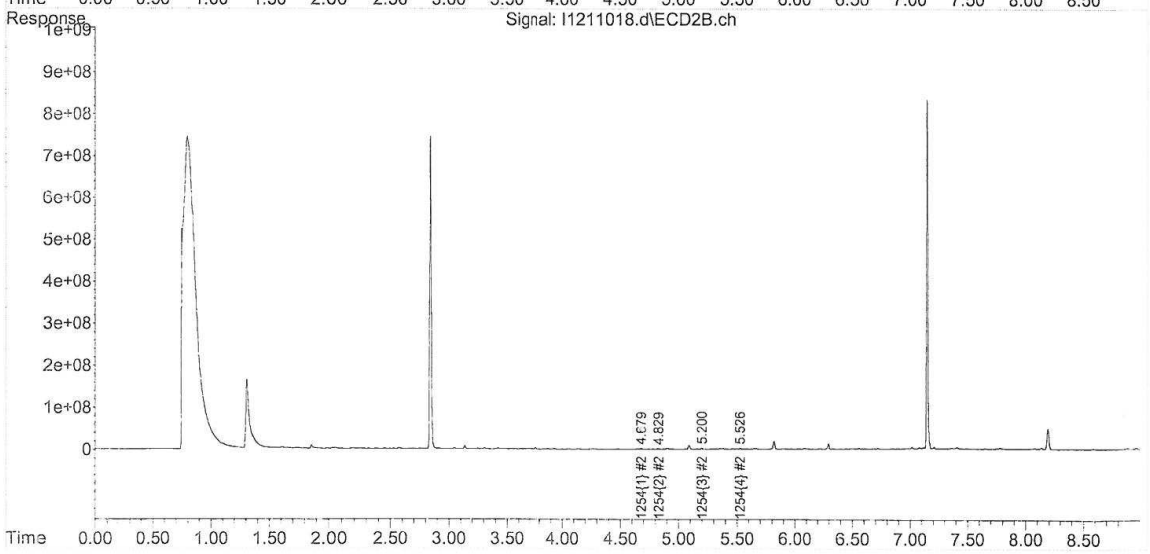
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121118\
Data File : I1211018.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 12:06 pm
Operator : JMB
Sample : 18L0278-19@TBA Inst : ECD 9
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 14:49:50 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-120318C.M
Quant Title : 1254 12/03/18 11/06/18 ICAL 1800381
QLast Update : Tue Dec 04 09:25:10 2018
Response via : Initial Calibration
Integrator: ChemStation

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



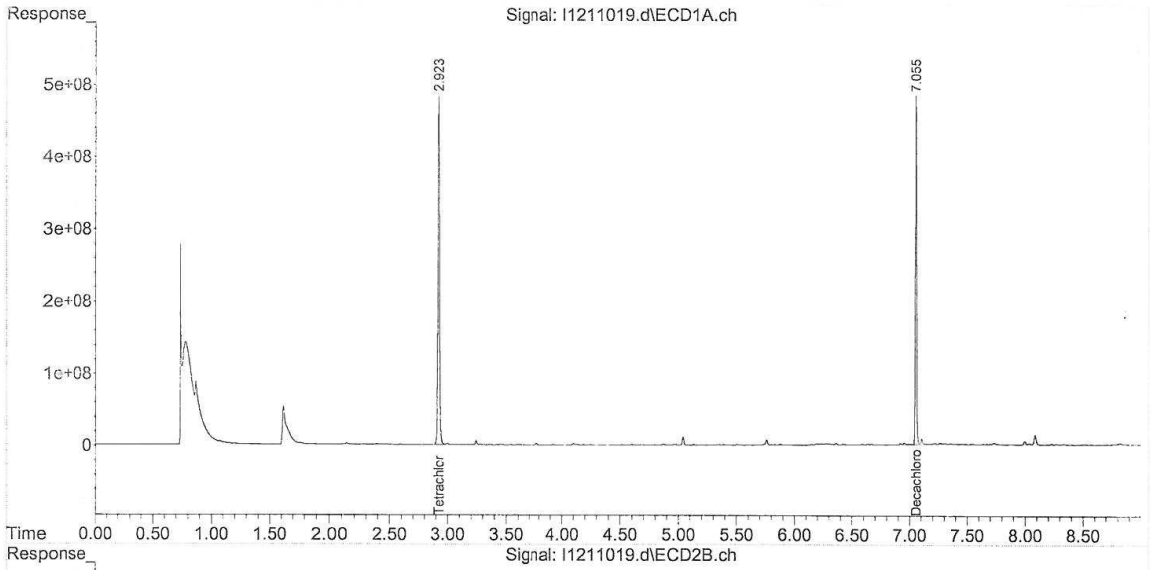


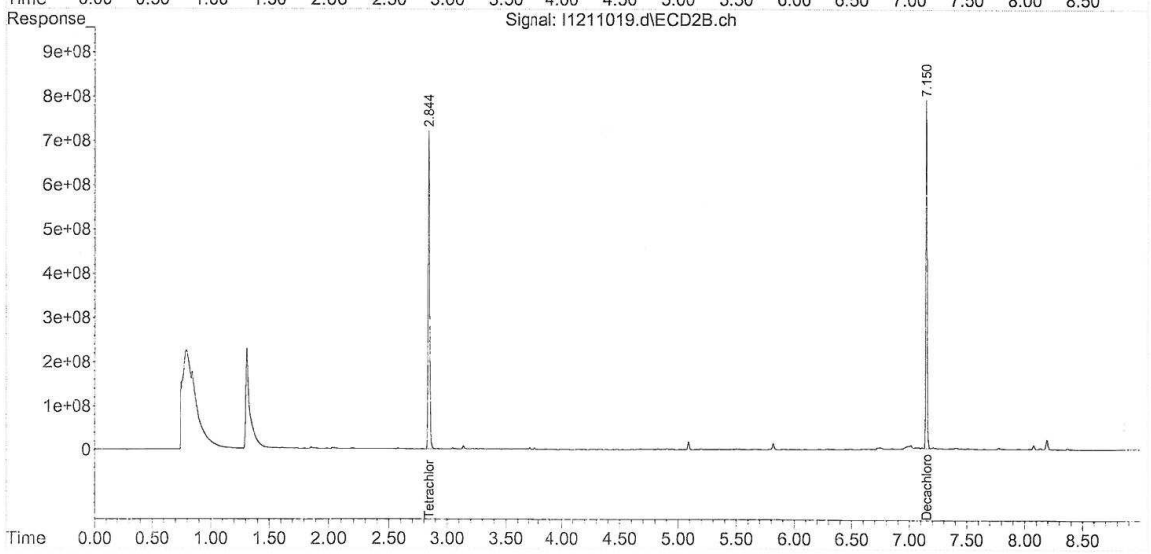
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121118\
Data File : I1211019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 12:18 pm
Operator : JMB
Sample : 18L0278-20@TBA Inst : ECD 9
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 11 14:55:42 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-121118.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



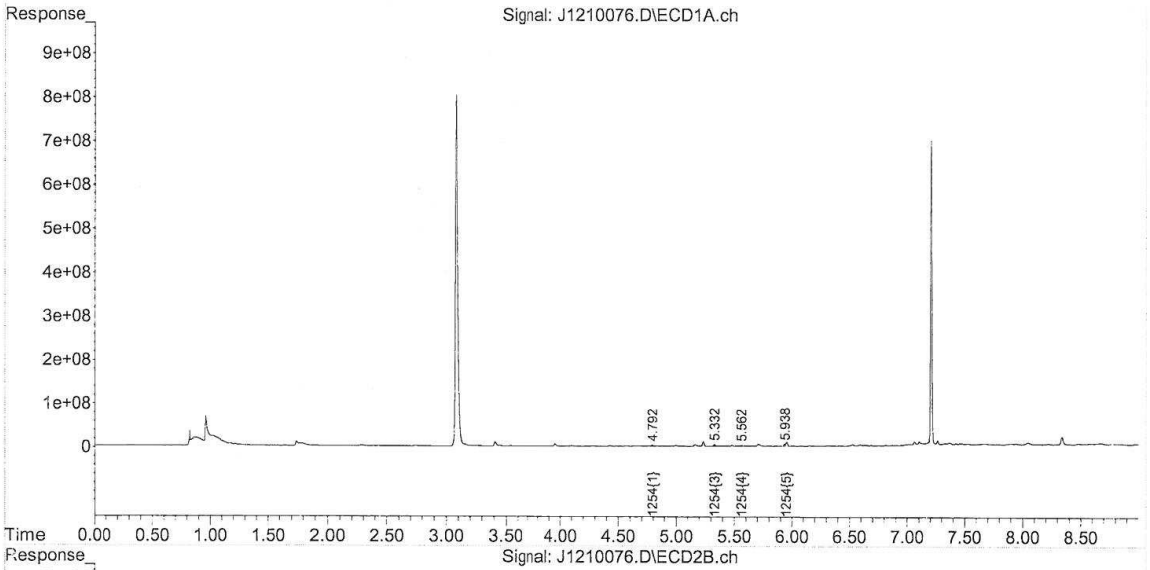


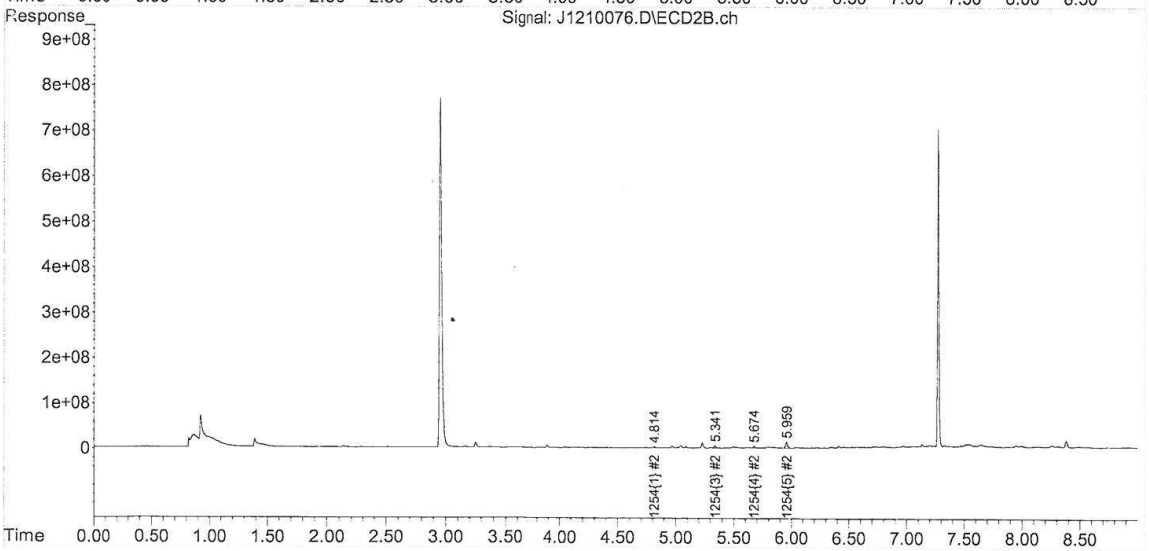
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:07 am
Operator : JMB
Sample : 18L0278-21@TBA Inst : ECD10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:57:05 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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



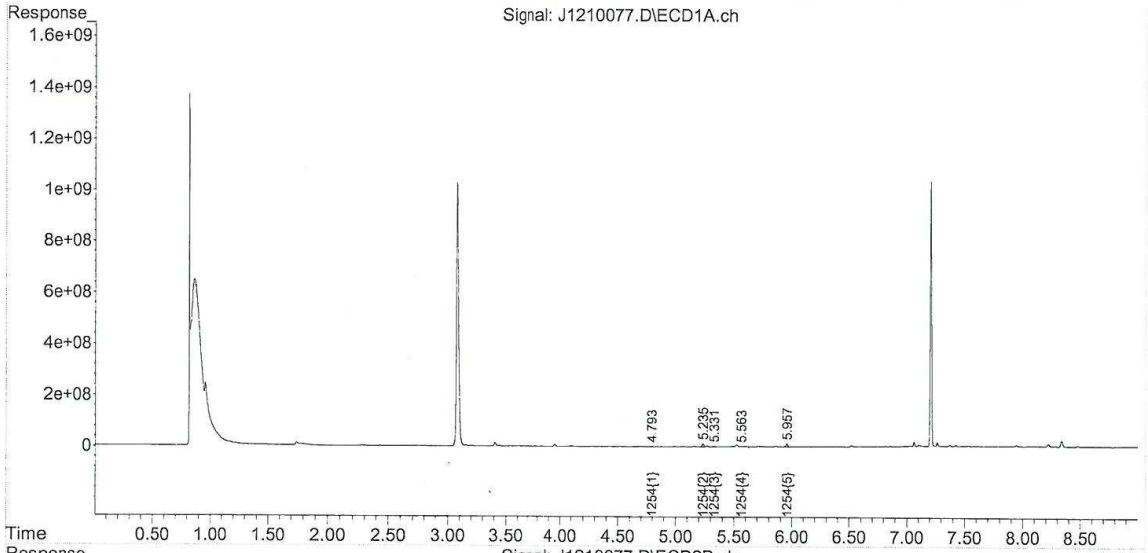


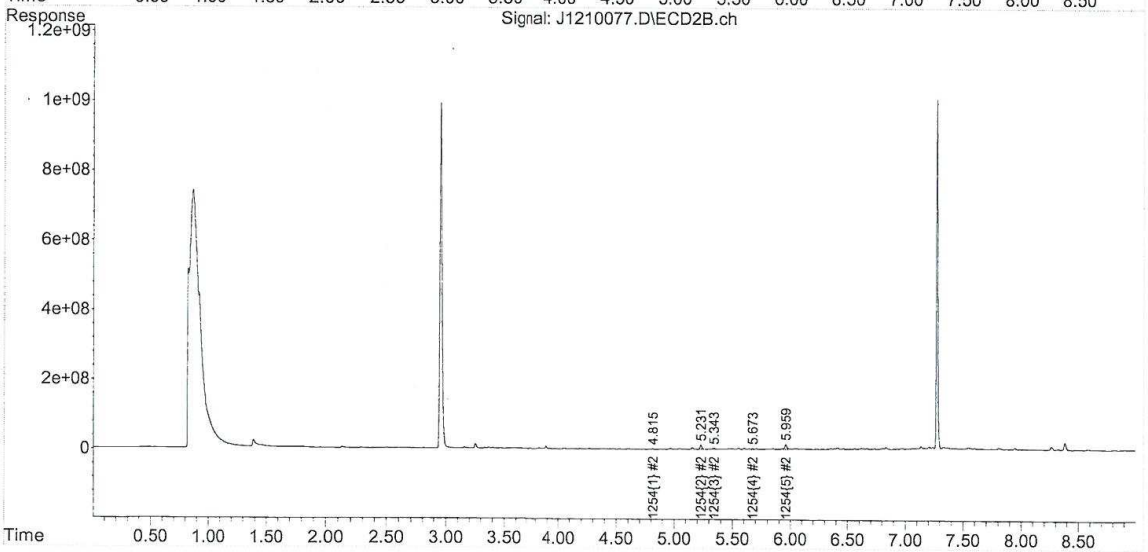
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:19 am
Operator : JMB
Sample : 18L0278-22@TBA Inst : ECD10
Misc :
ALS Vial : 77 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:50:01 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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



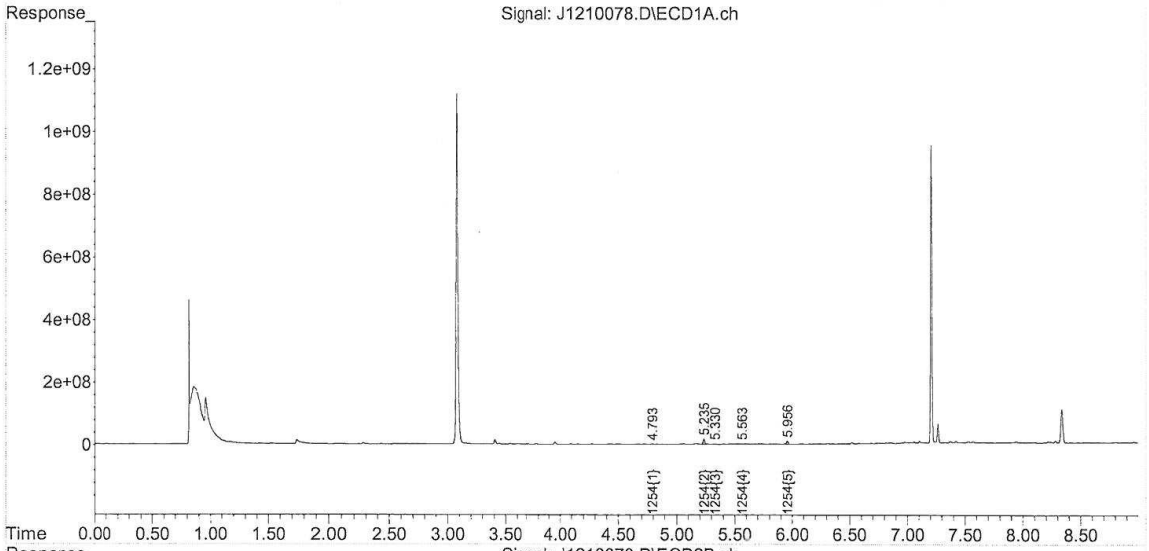


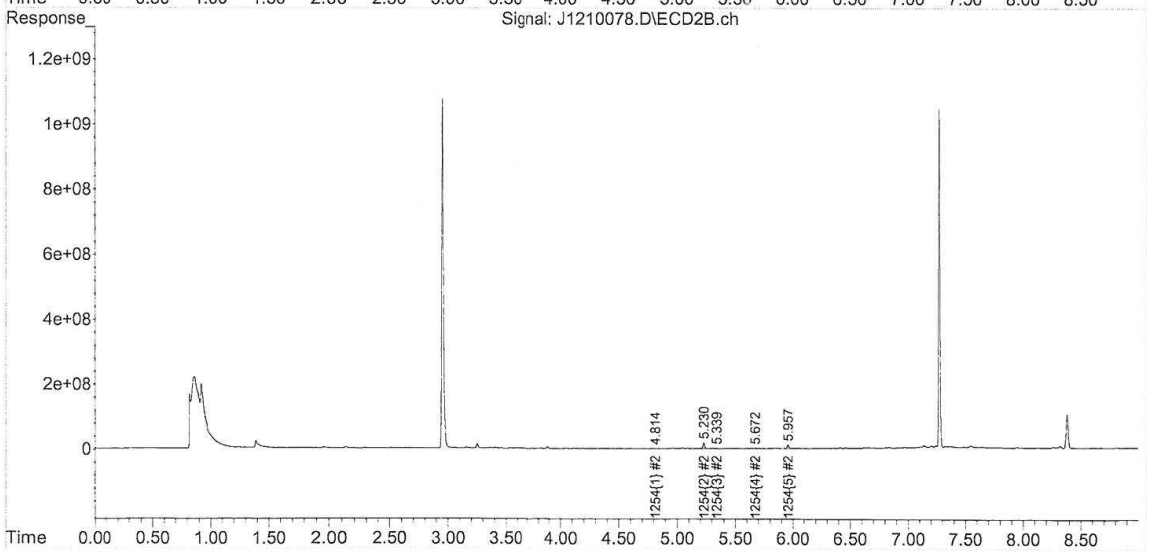
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:32 am
Operator : JMB
Sample : 18L0278-23@TBA Inst : ECD10
Misc :
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:50:04 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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





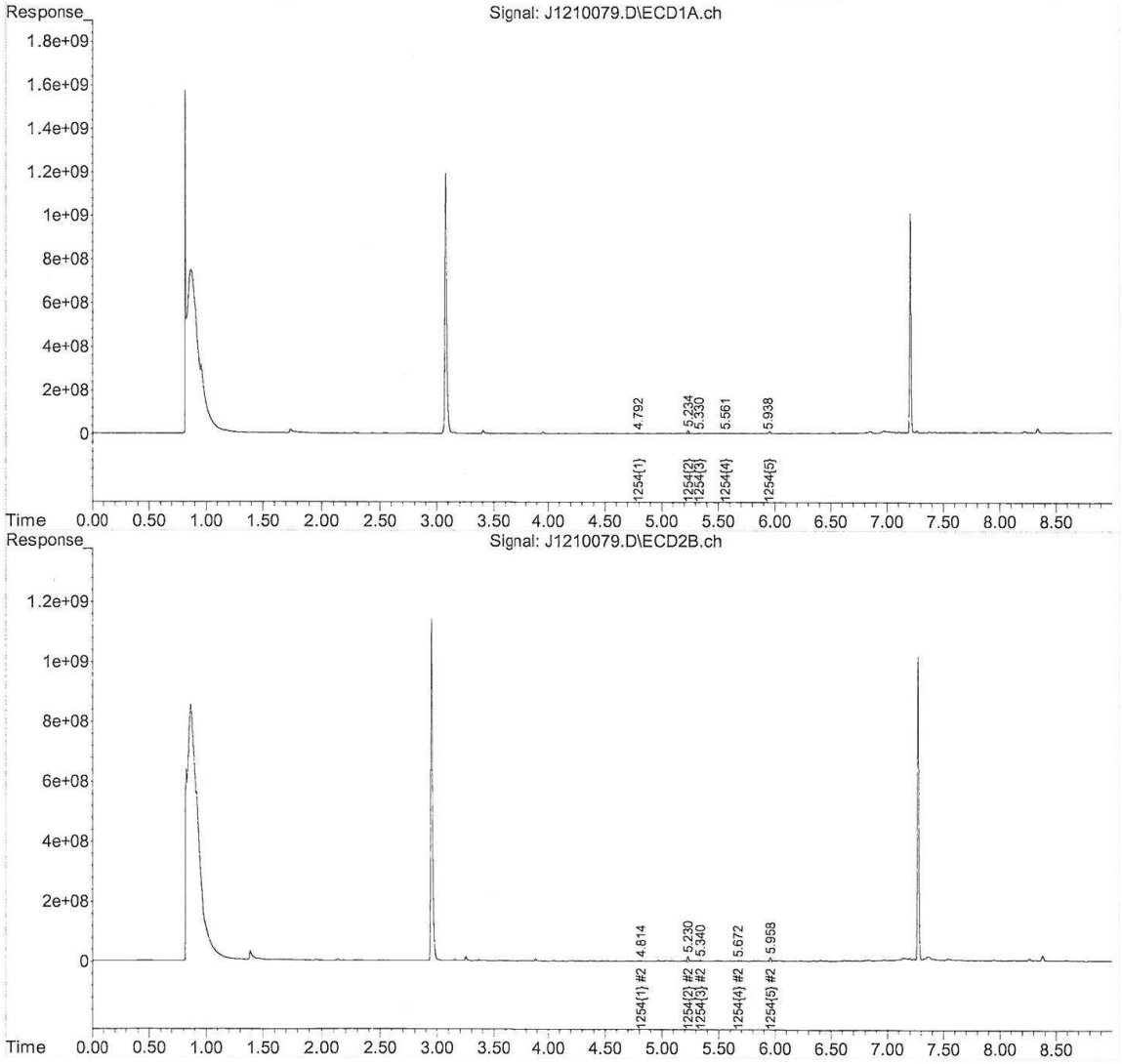
10-1254-113018.M Tue Dec 11 15:49:18 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:44 am
Operator : JMB
Sample : 18L0278-24@TBA Inst : ECD10
Misc :
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:50:07 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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

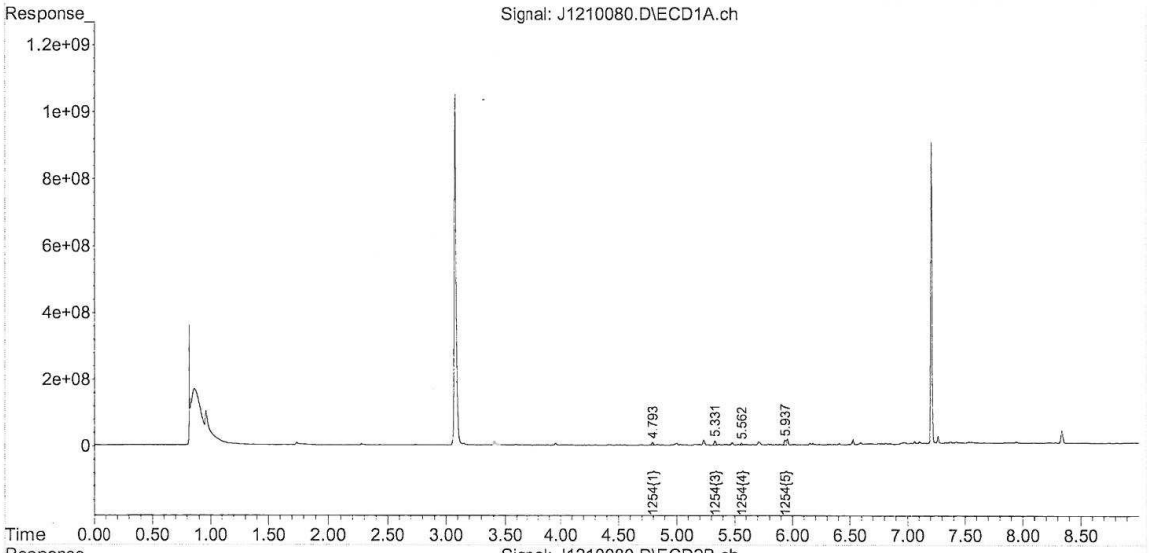


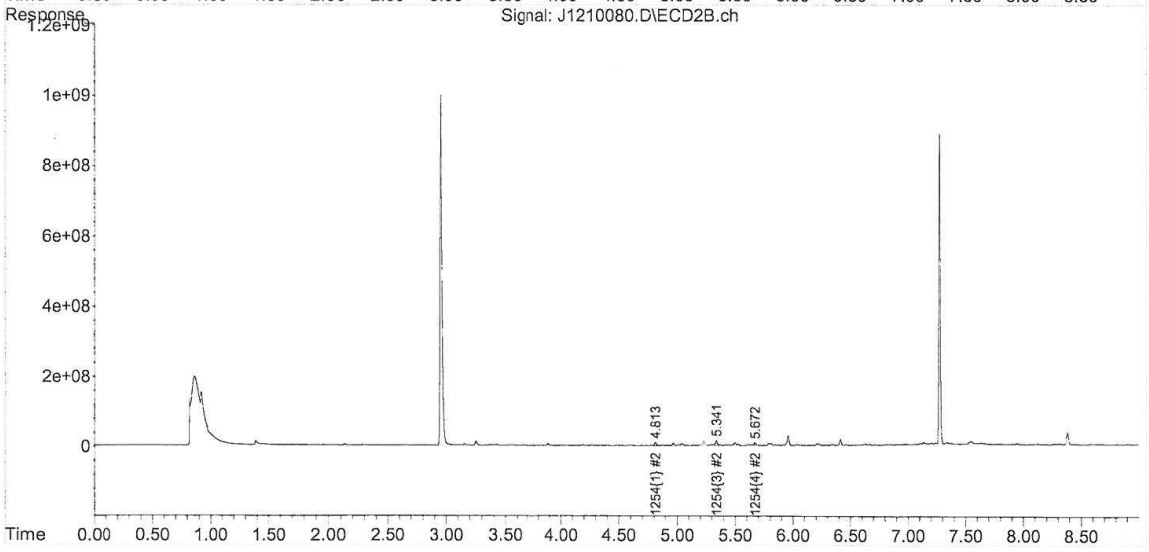
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 10:56 am
Operator : JMB
Sample : 18L0278-25@TBA Inst : ECD10
Misc :
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 13:06:47 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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



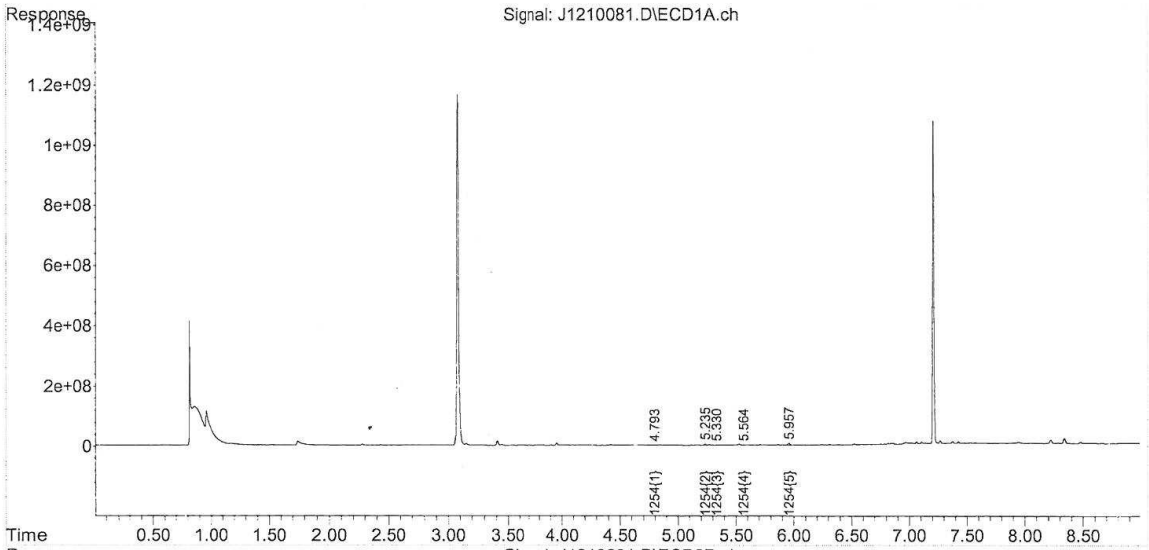


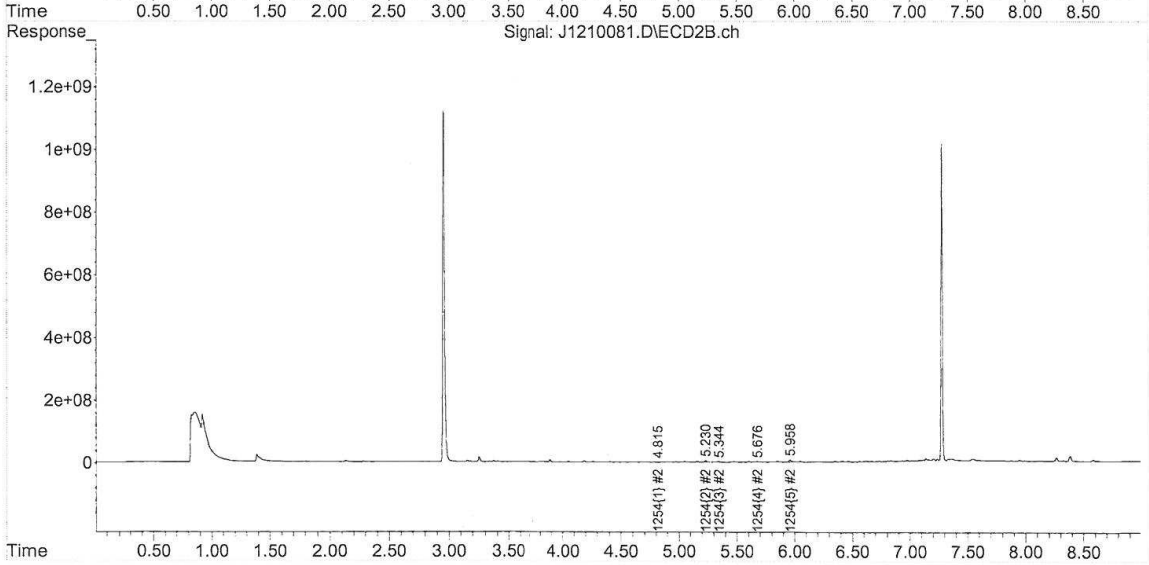
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 11:08 am
Operator : JMB
Sample : 18L0278-26@TBA Inst : ECD10
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:50:13 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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



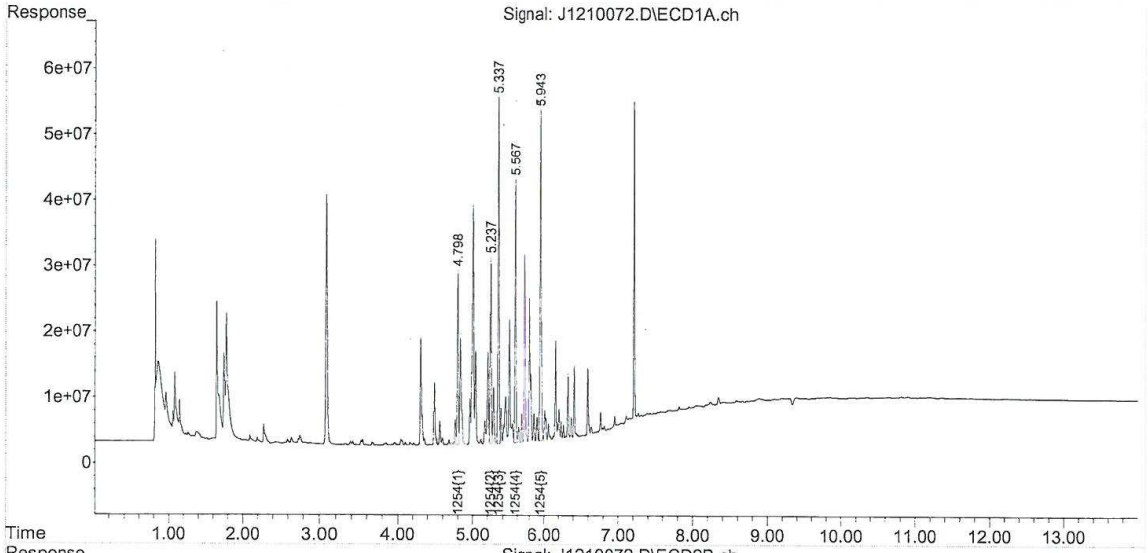


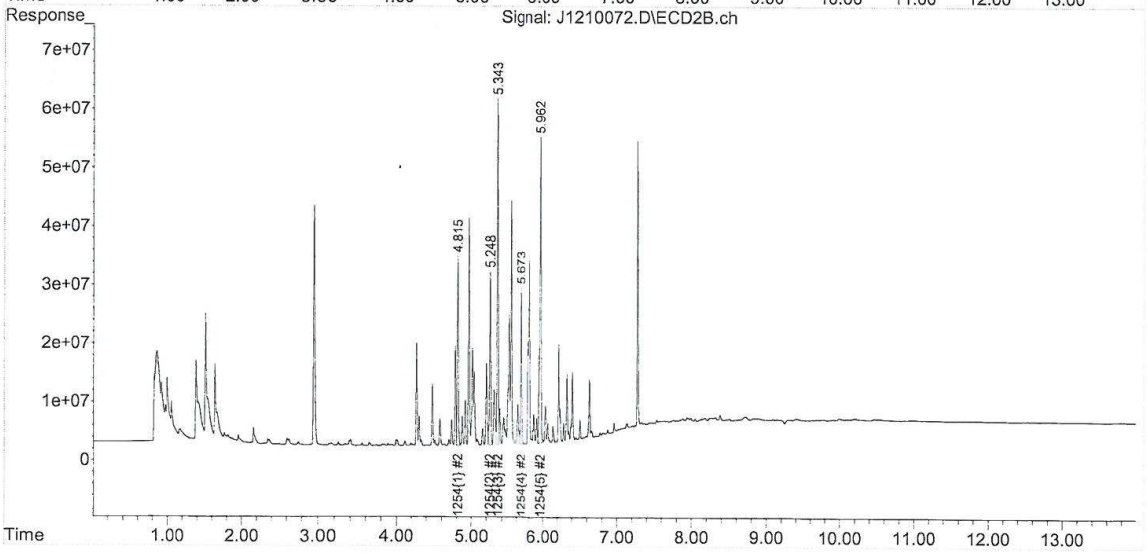
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 8:58 am
Operator : JMB
Sample : 18L0278-27@20X TBA Inst : ECD10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:30:42 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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





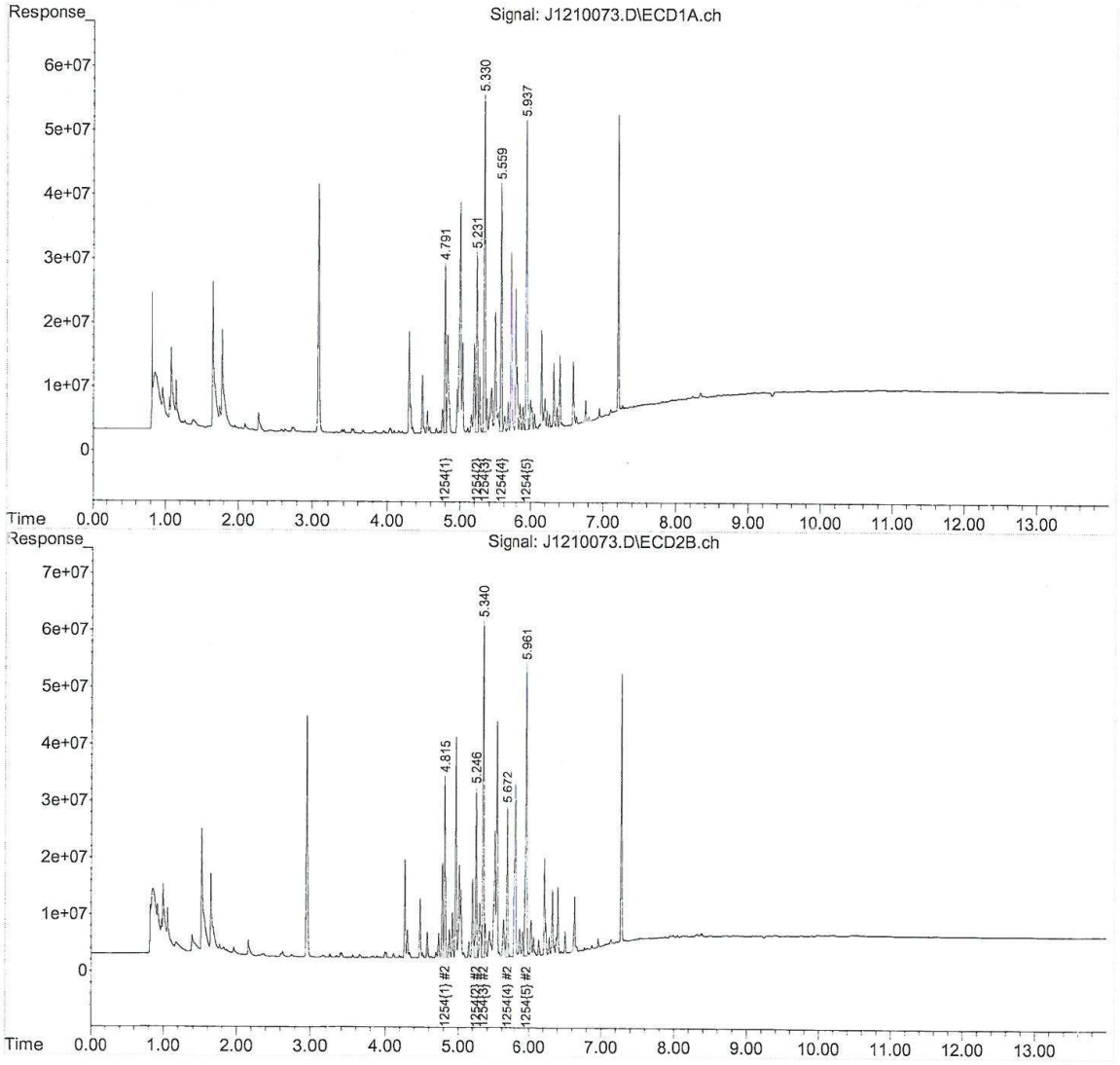
10-1254-113018.M Tue Dec 11 15:49:03 2018

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : J1210073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 9:15 am
Operator : JMB
Sample : 18L0278-28@20X TBA Inst : ECD10
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:30:45 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title : 1254 11/20/18 11/06/18 ICAL 1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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

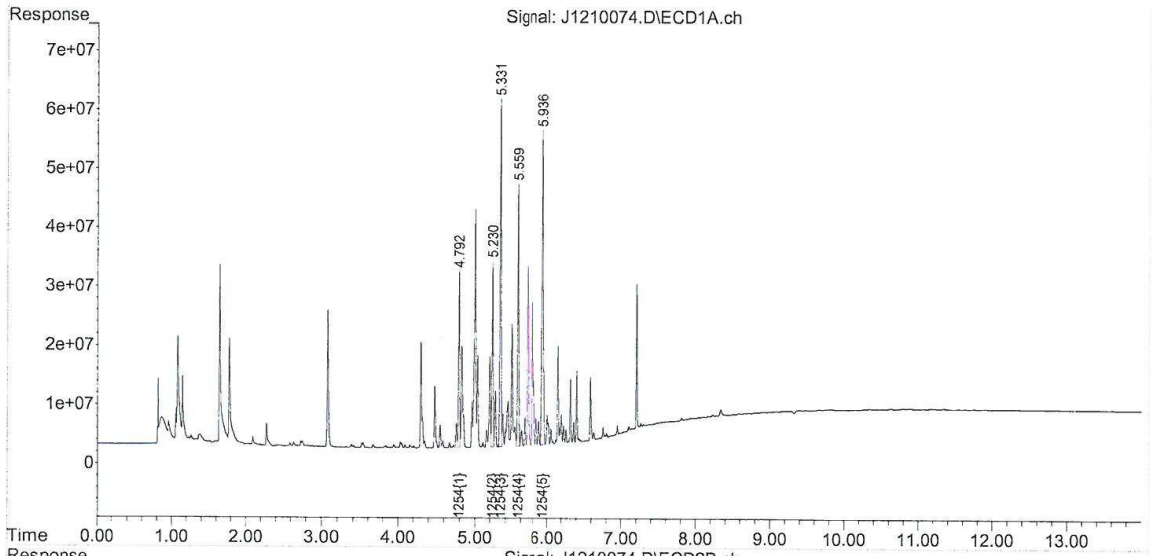


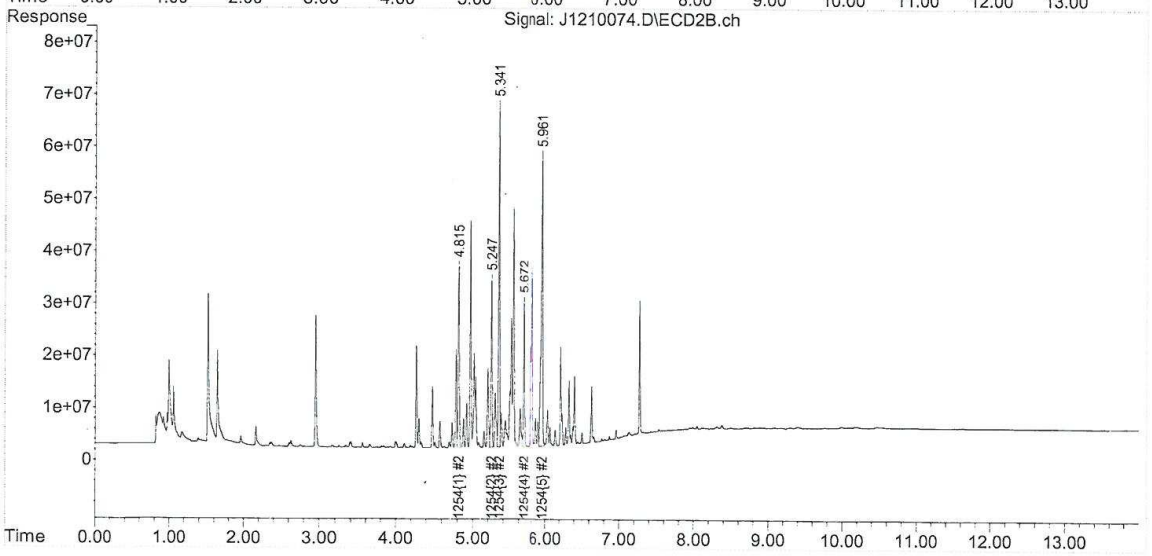
Quantitation Report (Not Reviewed)

```
Data Path : C:\msdchem\1\data\121018\
Data File : J1210074.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 11 Dec 2018    9:32 am
Operator  : JMB
Sample    : 18L0278-29@40X TBA                          Inst    : ECD10
Misc      :
ALS Vial  : 74   Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Dec 11 12:30:48 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\10-1254-113018.M
Quant Title  : 1254   11/20/18   11/06/18   ICAL  1800371
QLast Update : Wed Nov 21 16:01:15 2018
Response via : Initial Calibration
Integrator: ChemStation

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





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

November 27, 2018

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 18K0970

Enclosed are results of analyses for samples received by the laboratory on November 21, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

18K0970-01 5

Sample Preparation Information 6

QC Data 7

Polychlorinated Biphenyls By GC/ECD 7

B217818 7

Dual Column RPD Report 8

Flag/Qualifier Summary 11

Certifications 12

Chain of Custody/Sample Receipt 13

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 11/27/2018

PURCHASE ORDER NUMBER: 02274021Release 8

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18K0970

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

PROJECT LOCATION: Durham, CT

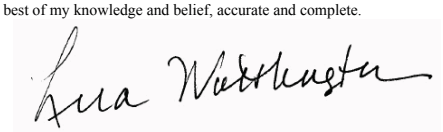
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SW-1	18K0970-01	Water		SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

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.



Lisa A. Worthington
Project Manager

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

Project Location: Durham, CT | Sample Description: | Work Order: 18K0970

Date Received: 11/21/2018

Field Sample #: SW-1 | Sampled: 11/20/2018 09:30

Sample ID: 18K0970-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1221 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1232 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1242 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1248 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1254 [2]	0.96	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1260 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1262 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG
Aroclor-1268 [2]	ND	0.20	µg/L	1		SW-846 8082A	11/26/18	11/27/18 10:47	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.6	30-150		11/27/18 10:47
Decachlorobiphenyl [2]	72.0	30-150		11/27/18 10:47
Tetrachloro-m-xylene [1]	53.2	30-150		11/27/18 10:47
Tetrachloro-m-xylene [2]	53.9	30-150		11/27/18 10:47

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 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18K0970-01 [SW-1]	B217818	1020	10.0	11/26/18

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

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B217818 - SW-846 3510C										
Blank (B217818-BLK1)				Prepared: 11/26/18 Analyzed: 11/27/18						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.65*		µg/L	2.00		82.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.56*		µg/L	2.00		78.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.60*		µg/L	2.00		80.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.51*		µg/L	2.00		75.7	30-150			
LCS (B217818-BS1)				Prepared: 11/26/18 Analyzed: 11/27/18						
Aroclor-1016	0.49	0.20	µg/L	0.500		97.5	40-140			
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		97.5	40-140			
Aroclor-1260	0.51	0.20	µg/L	0.500		101	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/L	0.500		102	40-140			
Surrogate: Decachlorobiphenyl	*2.10*		µg/L	2.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.01*		µg/L	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*1.81*		µg/L	2.00		90.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.73*		µg/L	2.00		86.4	30-150			
LCS Dup (B217818-BSD1)				Prepared: 11/26/18 Analyzed: 11/27/18						
Aroclor-1016	0.48	0.20	µg/L	0.500		96.0	40-140	1.50	20	
Aroclor-1016 [2C]	0.48	0.20	µg/L	0.500		96.3	40-140	1.17	20	
Aroclor-1260	0.49	0.20	µg/L	0.500		98.7	40-140	2.36	20	
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		103	40-140	1.25	20	
Surrogate: Decachlorobiphenyl	*1.20*		µg/L	2.00		59.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.17*		µg/L	2.00		58.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.76*		µg/L	2.00		87.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.66*		µg/L	2.00		83.1	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SW-1

Lab Sample ID: 18K0970-01 Date(s) Analyzed: 11/27/2018 11/27/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.85	
	2	0.000	0.000	0.000	0.96	12.2

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B217818-BS1 Date(s) Analyzed: 11/27/2018 11/27/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.49	
	2	0.000	0.000	0.000	0.49	0.0
Aroclor-1260	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.51	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B217818-BSD1 Date(s) Analyzed: 11/27/2018 11/27/2018

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.48	
	2	0.000	0.000	0.000	0.48	0.0
Aroclor-1260	1	0.000	0.000	0.000	0.49	
	2	0.000	0.000	0.000	0.52	5.9

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

18K0970

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

MEK

Company Name:	Weston & Sampson
Address:	273 Dividend Rd Raby Hill
Phone:	1 800 SAMPSON
Project Name:	Pearson Ln
Project Location:	Durham CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	Jeff Willson
Sampled By:	AJB

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☑
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	# of Containers	[2] Preservation Code	[3] Container Code	PCBs
01	SW-1	11/20	930		X	W	U	1	A	A	X

AJB

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: email to willsonj@woseinc.com
barrettа@woseinc.com
3 Day TAT - Eversource Prices

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	11/21/18		
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	11/21/18 1450		
Received by: (signature)	Date/Time:	Relinquished by: (signature)	Date/Time:
3.7°C	11/21/18 1650		
Received by: (signature)	Date/Time:	Relinquished by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RCP Reqs
DEC, CB&I MC
Other

Special Requirements
☐ MA MCP Required
☐ MCP Certification Form Required
☒ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
PWSID #

con-test ANALYTICAL LABORATORY
www.contestlabs.com
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston + Sampson

Received By BLF Date 11/21/18 Time 1630

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.7 C
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? T Who was notified? Bne
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	2	1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 18K0970

Laboratory Sample ID(s):

18K0970-01

Sample Date(s):

11/20/2018

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **11/27/18**

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

December 10, 2018

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 27 Parsons Ln., Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 18L0279

Enclosed are results of analyses for samples received by the laboratory on December 6, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary 3
Case Narrative 4
Sample Results 5
18L0279-01 5
18L0279-02 6
18L0279-03 7
18L0279-04 8
18L0279-05 9
18L0279-06 10
18L0279-07 11
18L0279-08 12
18L0279-09 13
Sample Preparation Information 14
QC Data 15
Polychlorinated Biphenyls By GC/ECD 15
B218785 15
Dual Column RPD Report 16
Flag/Qualifier Summary 18
Certifications 19
Chain of Custody/Sample Receipt 20

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

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 12/10/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18L0279

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

PROJECT LOCATION: 27 Parsons Ln., Durham, CT

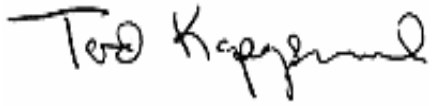
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
T1-SW	18L0279-01	Water		SW-846 8082A	
T2-SW	18L0279-02	Water		SW-846 8082A	
T3-SW	18L0279-03	Water		SW-846 8082A	
T4-SW	18L0279-04	Water		SW-846 8082A	
T5-SW	18L0279-05	Water		SW-846 8082A	
T6-SW	18L0279-06	Water		SW-846 8082A	
T7-SW	18L0279-07	Water		SW-846 8082A	
T8-SW	18L0279-08	Water		SW-846 8082A	
DUP-SW	18L0279-09	Water		SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

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.



Tod E. Kopyscinski
Laboratory Director

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T1-SW | Sampled: 12/5/2018 09:20

Sample ID: 18L0279-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:24	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		12/10/18 10:24
Decachlorobiphenyl [2]	99.4	30-150		12/10/18 10:24
Tetrachloro-m-xylene [1]	88.8	30-150		12/10/18 10:24
Tetrachloro-m-xylene [2]	91.4	30-150		12/10/18 10:24

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T2-SW | Sampled: 12/5/2018 09:25

Sample ID: 18L0279-02

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:36	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		12/10/18 10:36
Decachlorobiphenyl [2]	97.8	30-150		12/10/18 10:36
Tetrachloro-m-xylene [1]	88.6	30-150		12/10/18 10:36
Tetrachloro-m-xylene [2]	91.0	30-150		12/10/18 10:36

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T3-SW | Sampled: 12/5/2018 09:30

Sample ID: 18L0279-03

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 10:49	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		12/10/18 10:49
Decachlorobiphenyl [2]	97.0	30-150		12/10/18 10:49
Tetrachloro-m-xylene [1]	88.1	30-150		12/10/18 10:49
Tetrachloro-m-xylene [2]	89.7	30-150		12/10/18 10:49

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T4-SW | Sampled: 12/5/2018 09:35

Sample ID: 18L0279-04

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:01	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.5	30-150		12/10/18 11:01
Decachlorobiphenyl [2]	87.1	30-150		12/10/18 11:01
Tetrachloro-m-xylene [1]	81.6	30-150		12/10/18 11:01
Tetrachloro-m-xylene [2]	83.8	30-150		12/10/18 11:01

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T5-SW | Sampled: 12/5/2018 11:20

Sample ID: 18L0279-05

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:14	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		12/10/18 11:14
Decachlorobiphenyl [2]	96.8	30-150		12/10/18 11:14
Tetrachloro-m-xylene [1]	85.6	30-150		12/10/18 11:14
Tetrachloro-m-xylene [2]	87.6	30-150		12/10/18 11:14

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T6-SW | Sampled: 12/5/2018 11:00

Sample ID: 18L0279-06

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:26	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		12/10/18 11:26
Decachlorobiphenyl [2]	96.3	30-150		12/10/18 11:26
Tetrachloro-m-xylene [1]	88.2	30-150		12/10/18 11:26
Tetrachloro-m-xylene [2]	90.8	30-150		12/10/18 11:26

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T7-SW | Sampled: 12/5/2018 11:40

Sample ID: 18L0279-07

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:39	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		12/10/18 11:39
Decachlorobiphenyl [2]	99.0	30-150		12/10/18 11:39
Tetrachloro-m-xylene [1]	90.4	30-150		12/10/18 11:39
Tetrachloro-m-xylene [2]	92.4	30-150		12/10/18 11:39

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: T8-SW | Sampled: 12/5/2018 12:00

Sample ID: 18L0279-08

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 11:51	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		12/10/18 11:51
Decachlorobiphenyl [2]	97.9	30-150		12/10/18 11:51
Tetrachloro-m-xylene [1]	88.4	30-150		12/10/18 11:51
Tetrachloro-m-xylene [2]	90.6	30-150		12/10/18 11:51

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

Project Location: 27 Parsons Ln., Durham, CT | Sample Description: | Work Order: 18L0279

Date Received: 12/6/2018

Field Sample #: DUP-SW | Sampled: 12/5/2018 00:00

Sample ID: 18L0279-09

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	12/8/18	12/10/18 12:04	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		12/10/18 12:04
Decachlorobiphenyl [2]	97.8	30-150		12/10/18 12:04
Tetrachloro-m-xylene [1]	89.9	30-150		12/10/18 12:04
Tetrachloro-m-xylene [2]	92.5	30-150		12/10/18 12:04

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 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18L0279-01 [T1-SW]	B218785	1000	10.0	12/08/18
18L0279-02 [T2-SW]	B218785	1000	10.0	12/08/18
18L0279-03 [T3-SW]	B218785	1000	10.0	12/08/18
18L0279-04 [T4-SW]	B218785	1000	10.0	12/08/18
18L0279-05 [T5-SW]	B218785	1000	10.0	12/08/18
18L0279-06 [T6-SW]	B218785	1000	10.0	12/08/18
18L0279-07 [T7-SW]	B218785	1000	10.0	12/08/18
18L0279-08 [T8-SW]	B218785	1000	10.0	12/08/18
18L0279-09 [DUP-SW]	B218785	980	10.0	12/08/18

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

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B218785 - SW-846 3510C										
Blank (B218785-BLK1)				Prepared: 12/08/18 Analyzed: 12/10/18						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.31*		µg/L	2.00		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.10*		µg/L	2.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*1.84*		µg/L	2.00		92.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.86*		µg/L	2.00		93.0	30-150			
LCS (B218785-BS1)				Prepared: 12/08/18 Analyzed: 12/10/18						
Aroclor-1016	0.51	0.20	µg/L	0.500		103	40-140			
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		98.3	40-140			
Aroclor-1260	0.50	0.20	µg/L	0.500		100	40-140			
Aroclor-1260 [2C]	0.50	0.20	µg/L	0.500		99.6	40-140			
Surrogate: Decachlorobiphenyl	*2.24*		µg/L	2.00		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.03*		µg/L	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*1.87*		µg/L	2.00		93.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.91*		µg/L	2.00		95.5	30-150			
LCS Dup (B218785-BSD1)				Prepared: 12/08/18 Analyzed: 12/10/18						
Aroclor-1016	0.51	0.20	µg/L	0.500		102	40-140	0.962	20	
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		97.3	40-140	1.00	20	
Aroclor-1260	0.51	0.20	µg/L	0.500		102	40-140	1.34	20	
Aroclor-1260 [2C]	0.50	0.20	µg/L	0.500		101	40-140	1.11	20	
Surrogate: Decachlorobiphenyl	*2.04*		µg/L	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.85*		µg/L	2.00		92.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.85*		µg/L	2.00		92.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.89*		µg/L	2.00		94.4	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B218785-BS1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.49	4.0
Aroclor-1260	1	0.000	0.000	0.000	0.50	
	2	0.000	0.000	0.000	0.50	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B218785-BSD1 Date(s) Analyzed: 12/10/2018 12/10/2018

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.49	4.0
Aroclor-1260	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.50	2.0

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test® ANALYTICAL LABORATORY

MEK

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

1860279

http://www.contestlabs.com Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	Weston & Sampson
Address:	273 Dividend Rd
Phone:	800-SAMPSON
Project Name:	27 Parsons Ln
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	AB/WS/GP

Turnaround Time (TAT) Requested
7-Day ☐ 10-Day ☐
Due Date:

Rush TAT (Pre-Approval Required)
1-Day ☐ 3-Day ☑
2-Day ☐ 4-Day ☐

Report Format / Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

| Con-Test Work Order# | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Composite | Grab | [1]Matrix Code | Conc Code | PBCs | | |

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston + Sampson

Received By LR Date 12-6-18 Time 1825

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 2.3, 5.5
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? T Who was notified? Kayla
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	10	1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 27 Parsons Ln., Durham, CT

Project Number: 18L0279

Laboratory Sample ID(s):

18L0279-01 thru 18L0279-09

Sample Date(s):

12/05/2018

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.

Tod E. Kopyscinski

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: Tod Kopyscinski **Position:** Laboratory Director

Printed Name: Tod E. Kopyscinski **Date:** 12/10/18

Name of Laboratory: Con-Test Analytical Laboratory

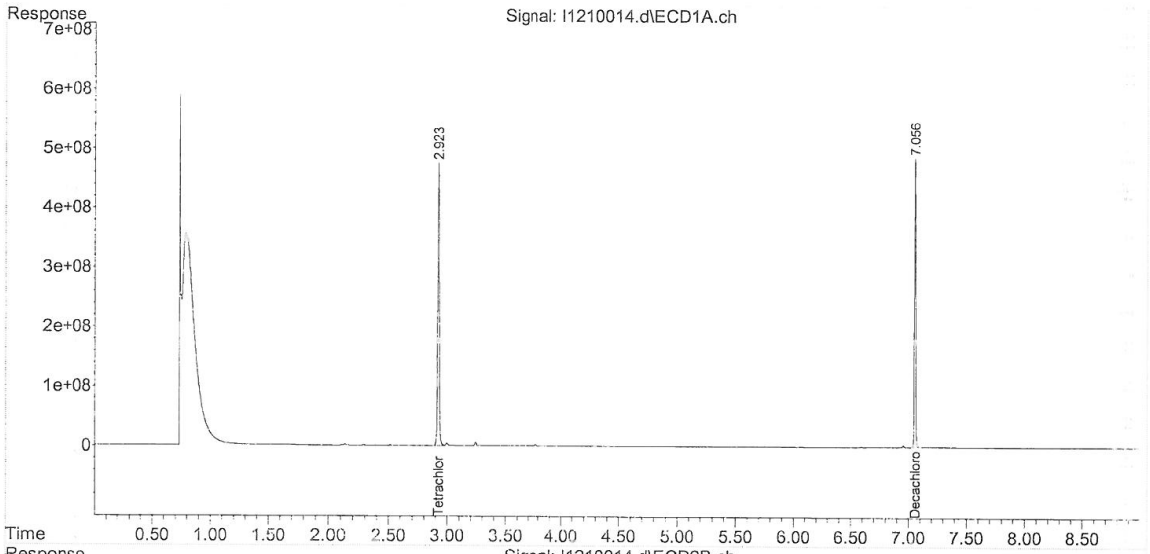
This certification form is to be used for RCP methods only.

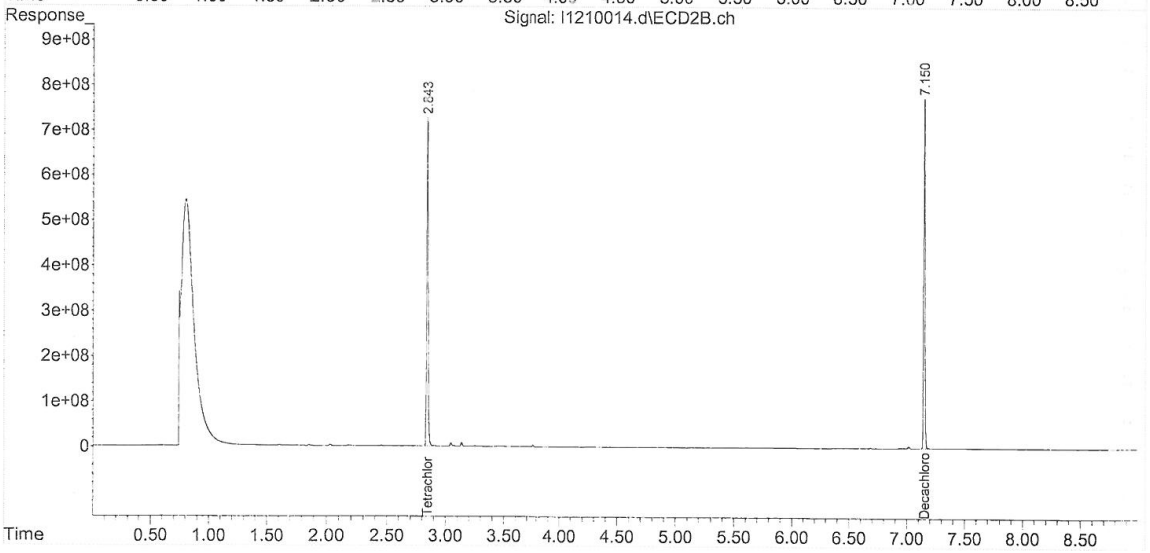
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 10:24 am
Operator : JMB
Sample : 18L0279-01 Inst : ECD 9
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:43:57 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



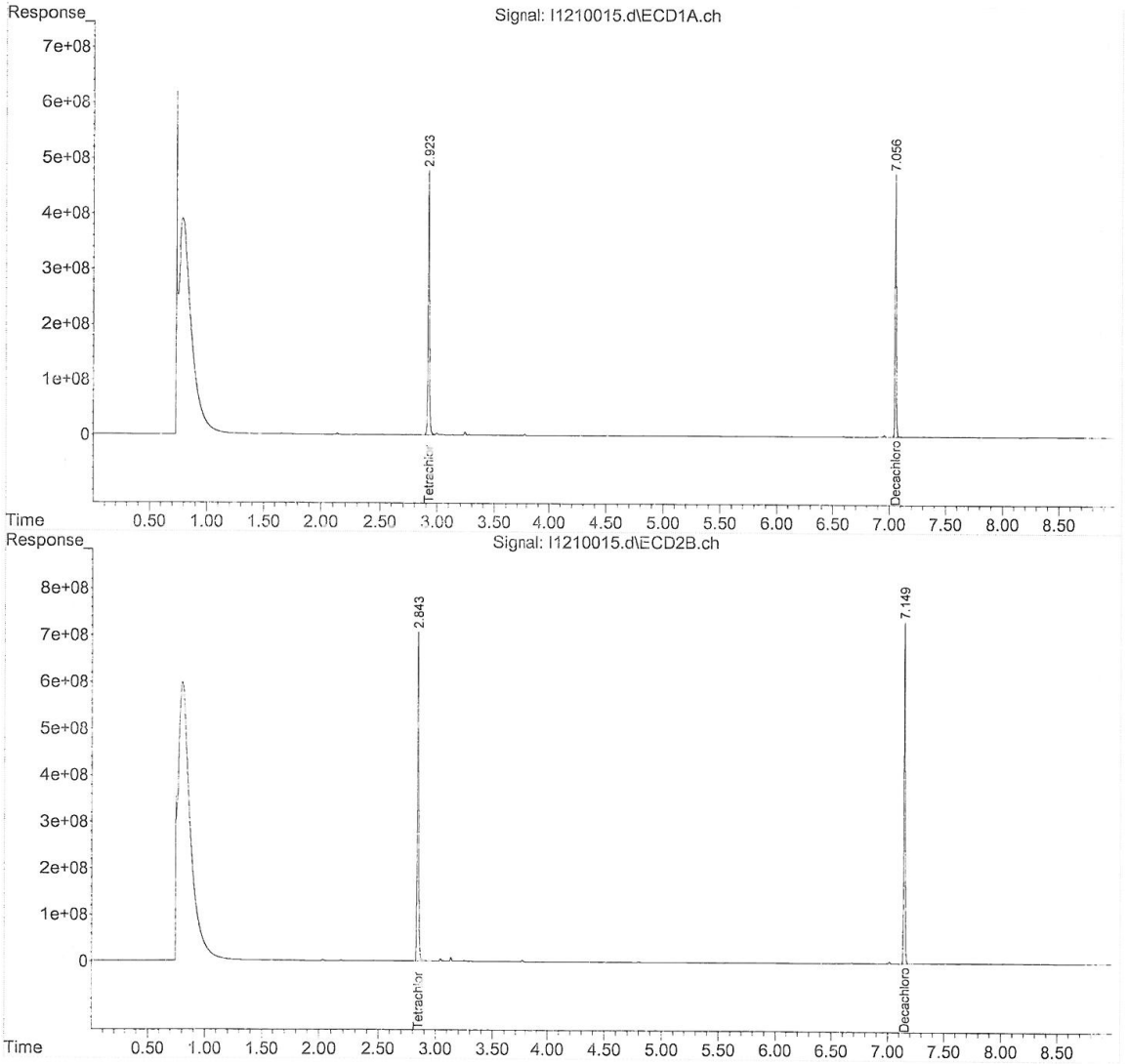


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 10:36 am
Operator : JMB
Sample : 18L0279-02 Inst : ECD 9
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:44:00 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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

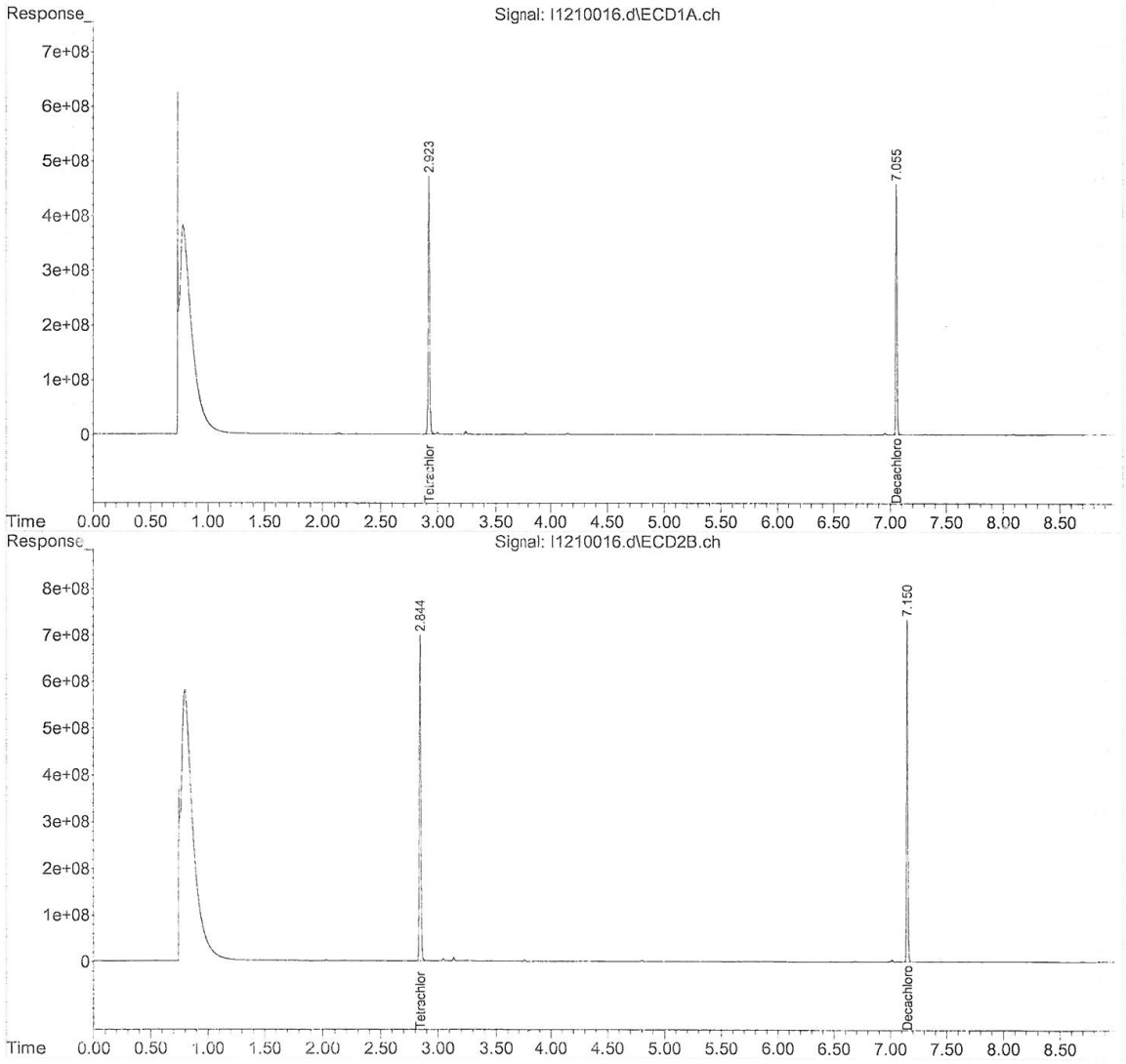


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 10:49 am
Operator : JMB
Sample : 18L0279-03 Inst : ECD 9
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:44:03 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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

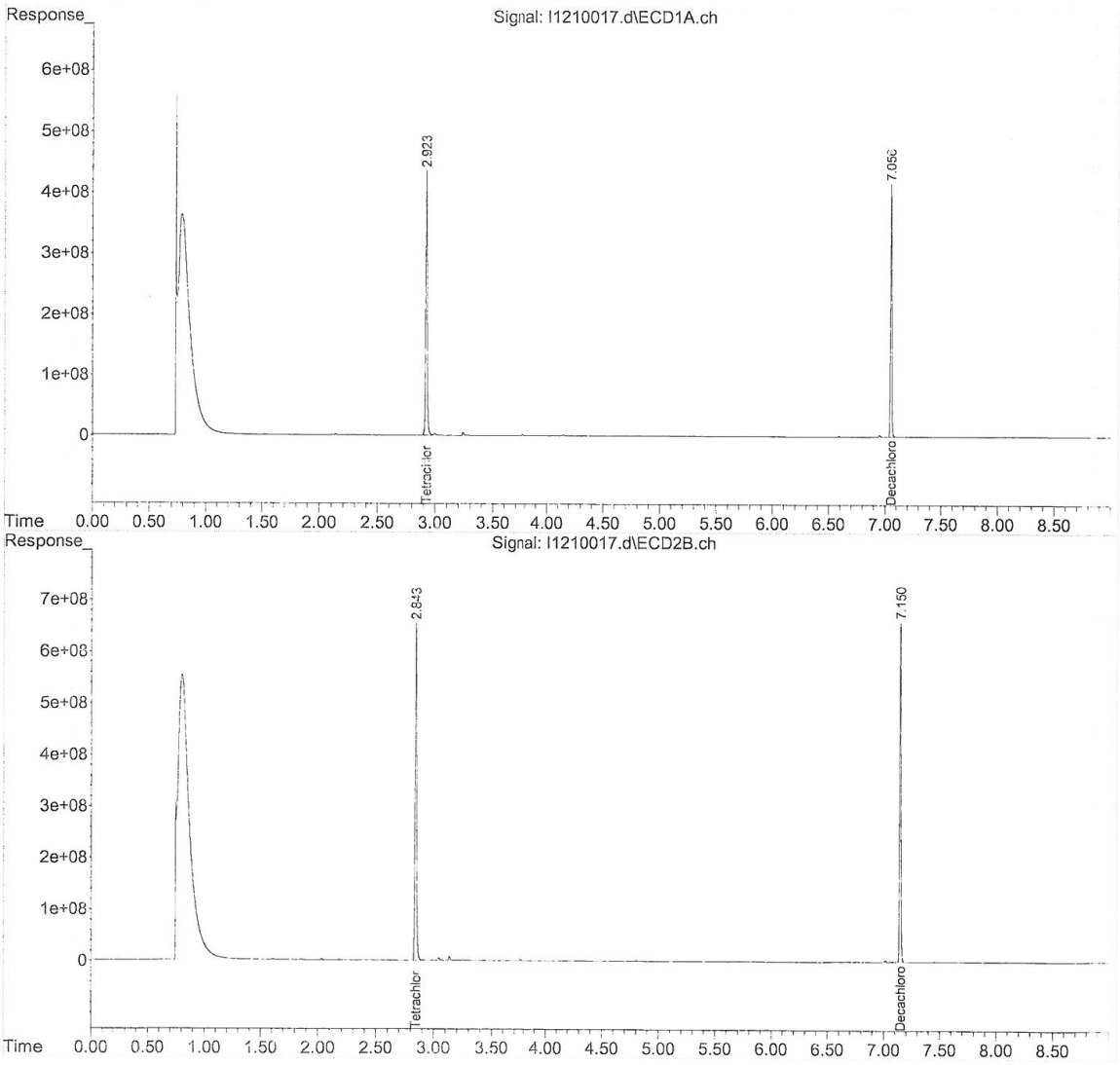


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 11:01 am
Operator : JMB
Sample : 18L0279-04 Inst : ECD 9
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:44:06 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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

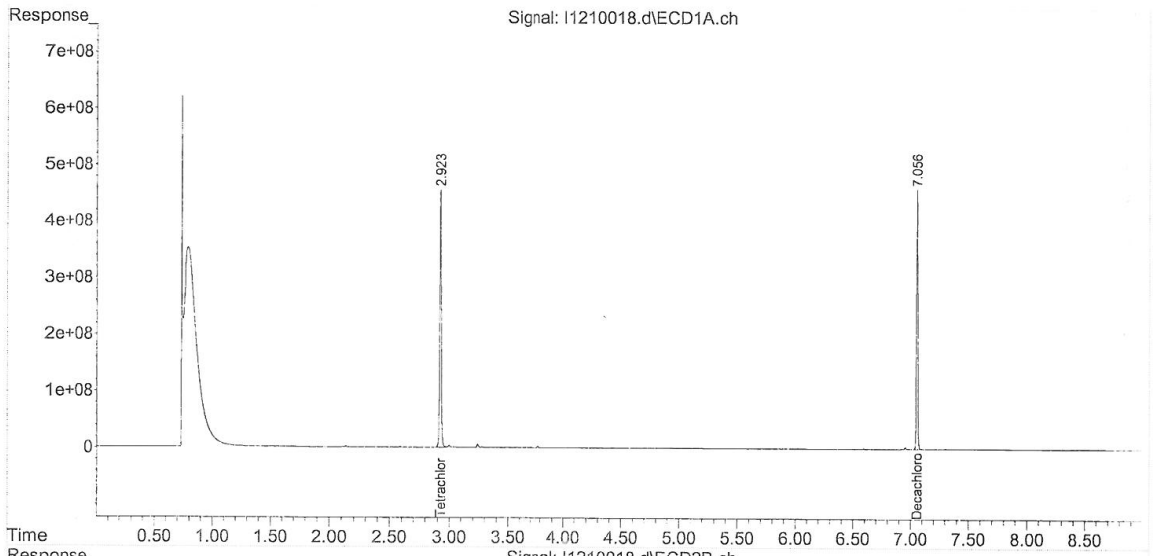


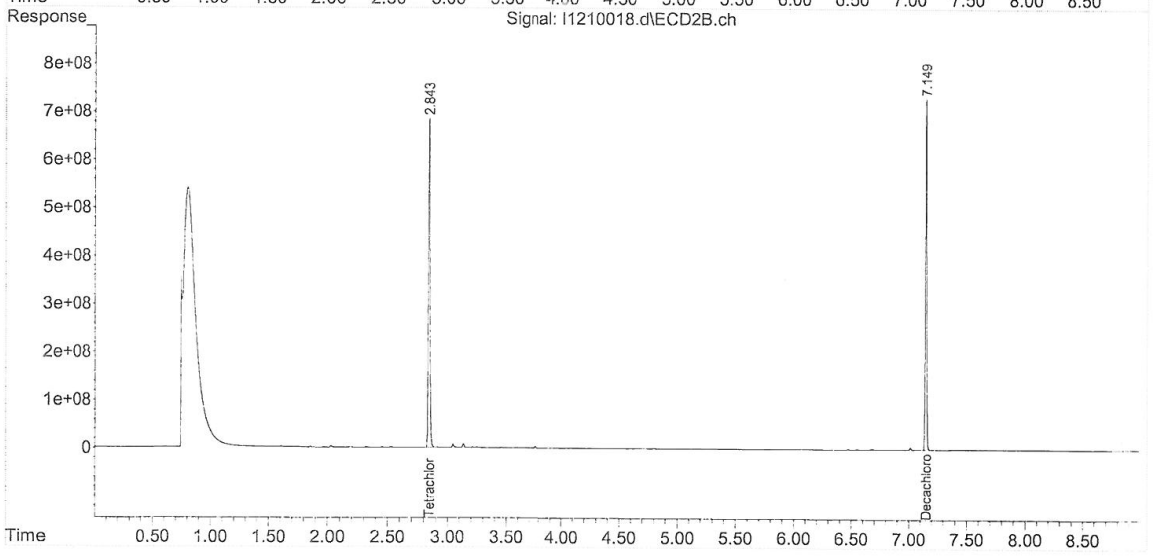
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210018.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 11:14 am
Operator : JMB
Sample : 18L0279-05 Inst : ECD 9
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:44:09 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



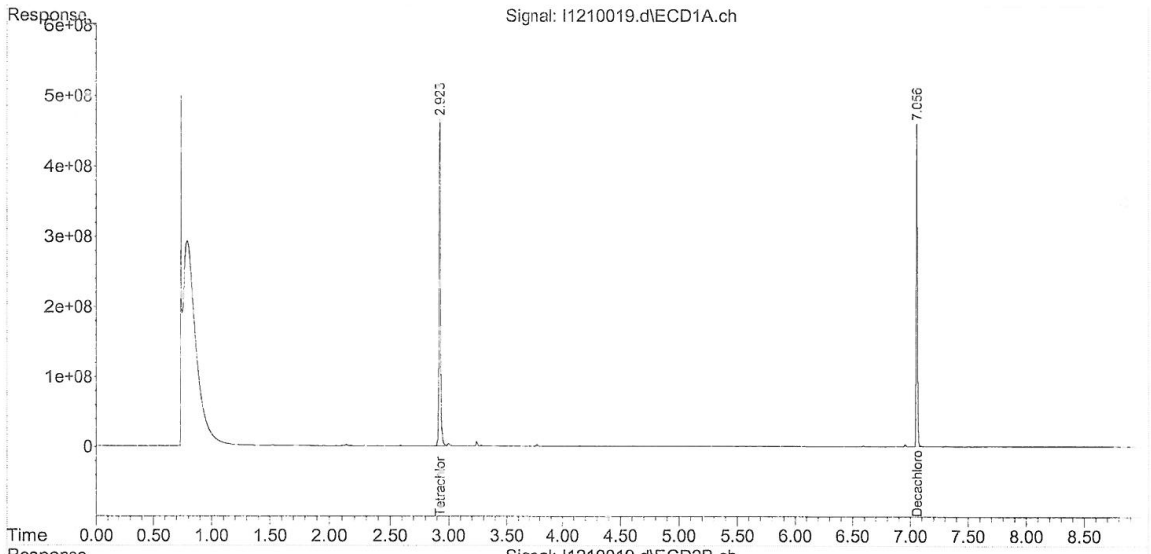


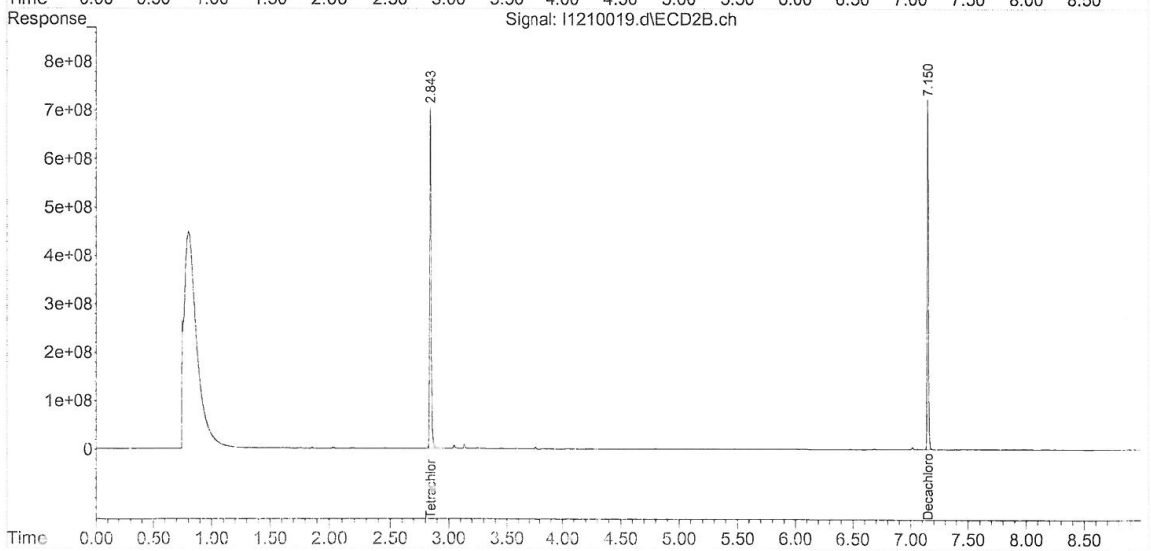
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 11:26 am
Operator : JMB
Sample : 18L0279-06 Inst : ECD 9
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 11:44:12 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



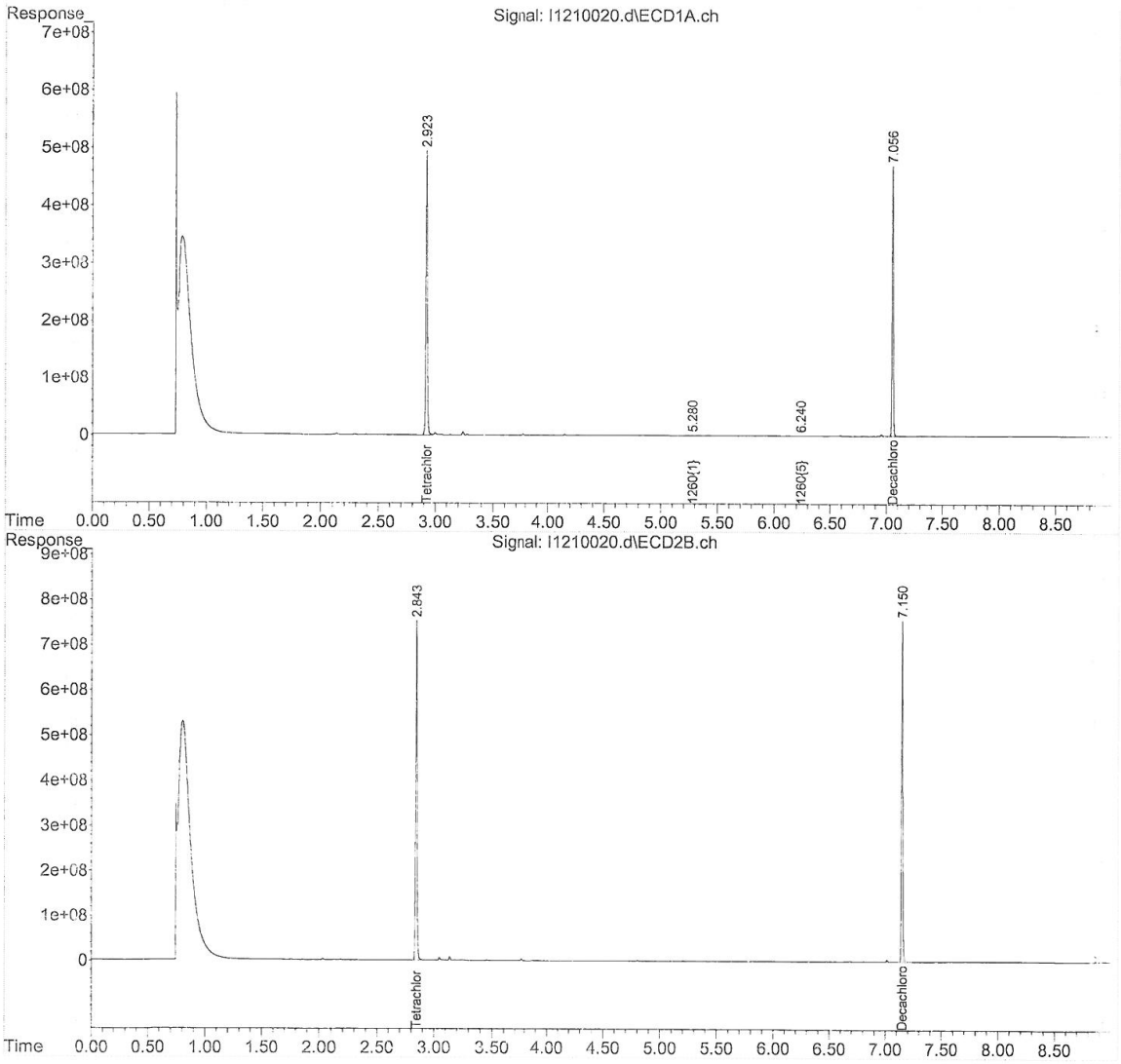


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210020.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 11:39 am
Operator : JMB
Sample : 18L0279-07 Inst : ECD 9
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 12:52:08 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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

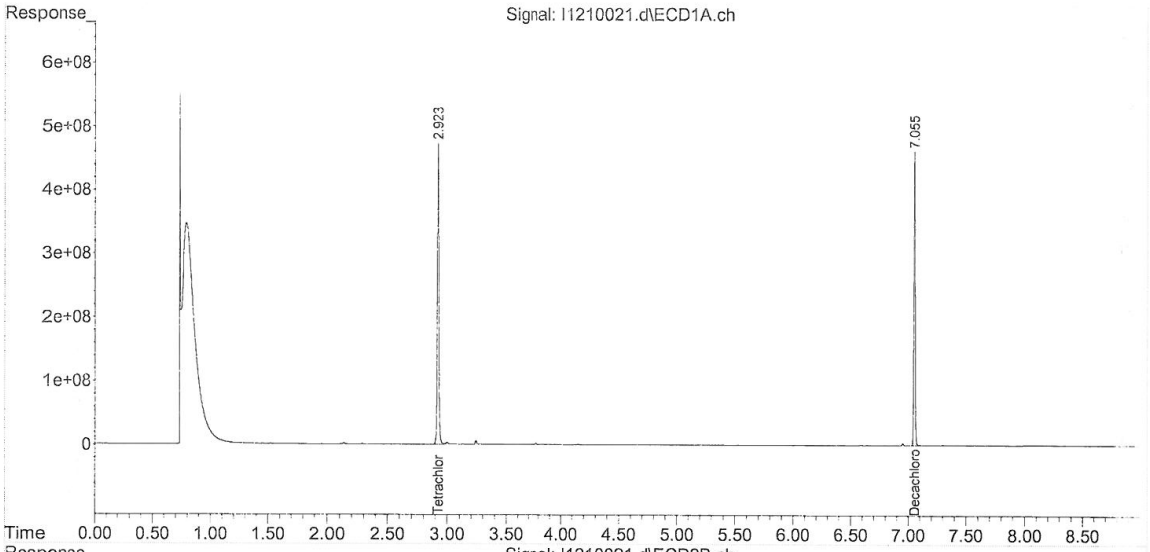


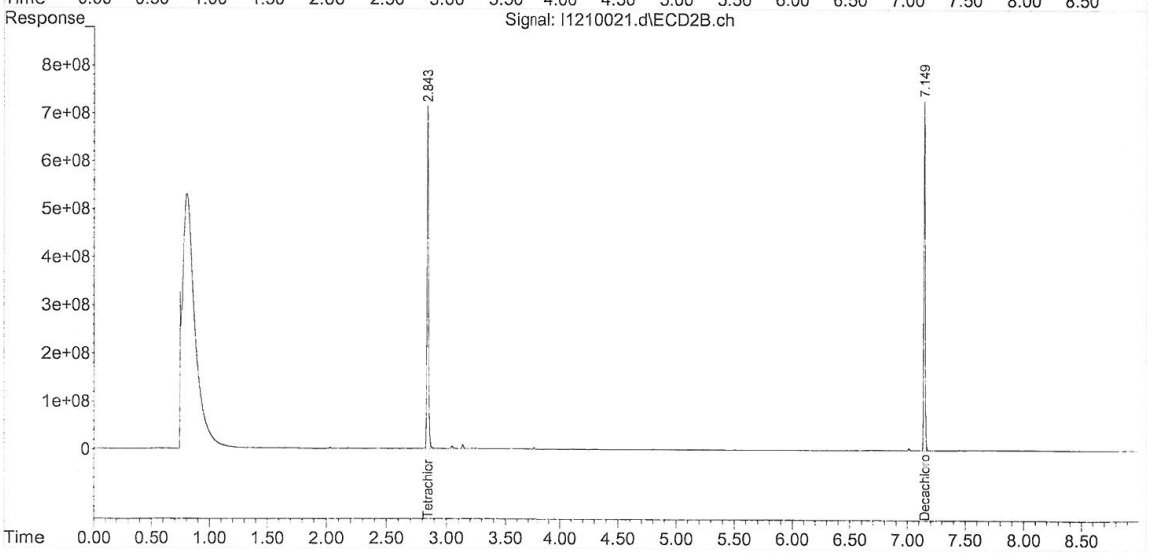
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 11:51 am
Operator : JMB
Sample : 18L0279-08 Inst : ECD 9
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 12:52:11 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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



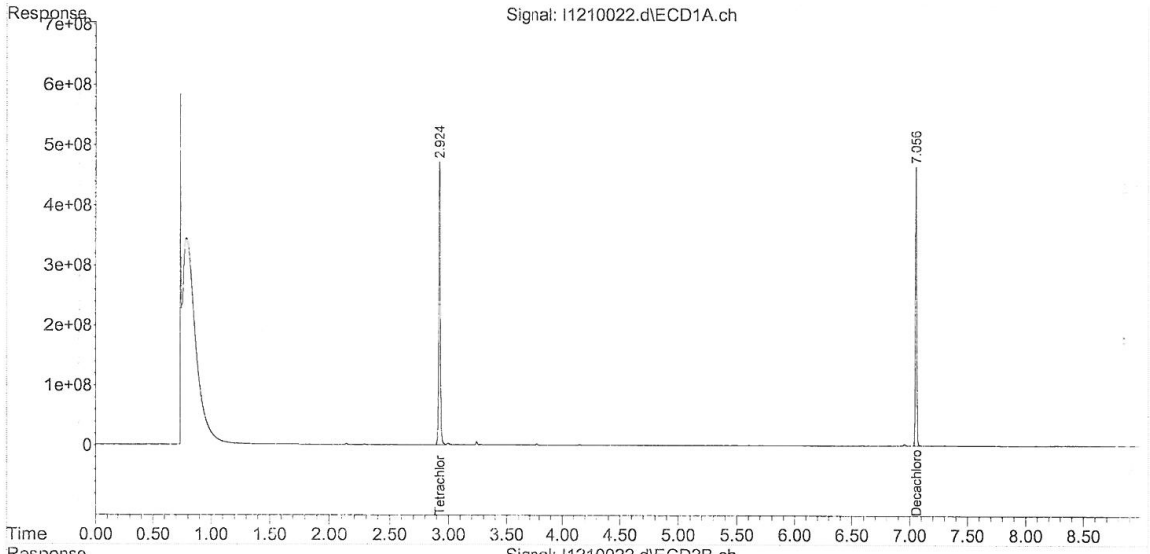


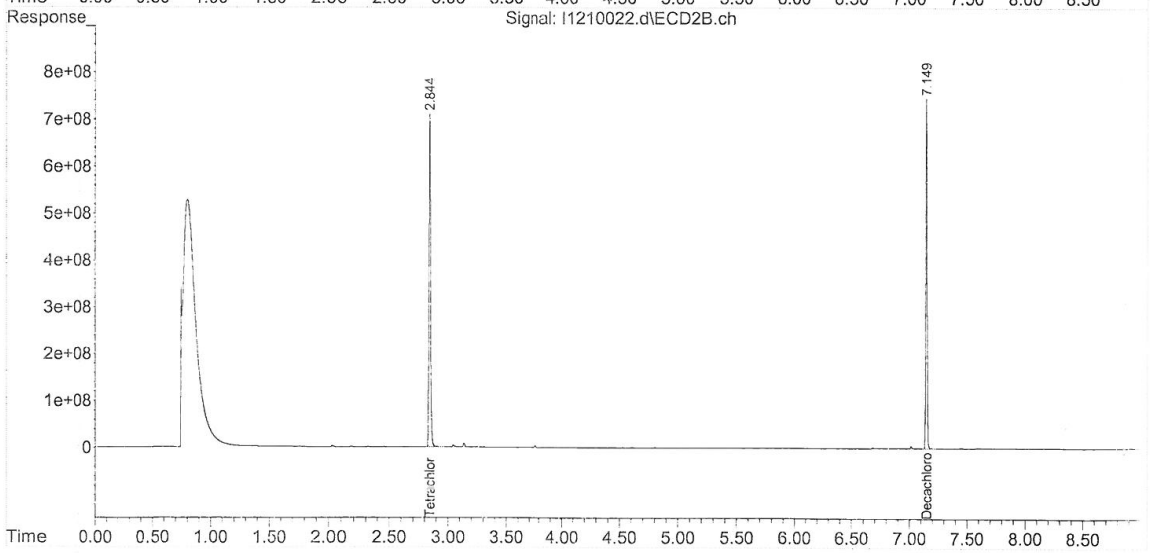
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\121018\
Data File : I1210022.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2018 12:04 pm
Operator : JMB
Sample : 18L0279-09 Inst : ECD 9
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Dec 10 12:52:14 2018
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-120318.M
Quant Title : 1260/1016 10/31/18 10/23/18 ICAL 1800351
QLast Update : Wed Oct 31 16:00:04 2018
Response via : Initial Calibration
Integrator: ChemStation

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





APPENDIX B

Photographs

8-In. CLAY PIPE & 8-In. RCP Assessment Activities (July 2021)



Photo #1: View of pavement saw-cutting for test pit to expose 8-in. clay pipe for sampling.



Photo #2: View of substrate sampling (sample ID PTP-1) completed inside 8-in. clay pipe.



Photo #3: View of substrate sampling (sample ID PTP-2) completed inside 8-in. clay pipe.



Photo #4: View of repaired 8-in. clay pipe.

FLOOR DRAIN ASSESSMENT ACTIVITIES (OCTOBER 2023)



Photo #5: View of subsurface drainpipe configuration for floor drains #1 and #3.



Photo #6: View of subsurface drainpipe configuration for floor drain #2.

SEDIMENT SAMPLING ACTIVITIES (MARCH 2021)



Photo #7: View of sediment sampling activities at location SD-5 on 3/17/2021.



Photo #8: View of sediment sampling activities at location SD-9 on 3/17/2021.

DRAINAGE CHANNEL AND STREAM REMEDIATION ACTIVITIES (NOVEMBER 2024)



Photo #9: View of remediation areas #1 and #2 after completion of field surveying activities.



Photo #10: View of remediation areas #1 and #2 being prepared for excavation and removal.



Photo #11: View of temporary erosion and sedimentation (E&S) controls installed downstream of remediation area #5



Photo #12: View of sediment removal activities underway at remediation area #1.



Photo #13: View of sediment removal activities underway at remediation area #1.



Photo #14: View of sediment removal activities underway at remediation area #1.



Photo #15: View of completed removal actions at remediation areas #1 and #2.



Photo #16: View of temporary access road and long-arm excavator used to complete remediation areas #4 and #5.



Photo #17: View of remediation area #5 after completion of removal and backfilling activities.



Photo #18: View of remediation areas #1 and #2 being backfilled and compacted.



Photo #19: View of floor drain decommissioning activities inside bathroom/utility room.



Photo #20: View of native ground soils after removal of temporary access road.



Photo #21: View of regraded and hydroseeded area of temporary access road.



Photo #22: View of sloped embankment with E&S controls left in place near remediation areas #1 and #2 (right side of photo). Remediation area #3 is visible in background left side of photo.

APPENDIX C

Laboratory Analytical Reports

8-in. CLAY PIPE AND WATER SAMPLES

(July 2021)

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 14, 2021

Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Project ID: EVERSOURCE DURHAM
SDG ID: GCI71785
Sample ID#s: CI71785

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

July 14, 2021

SDG I.D.: GCI71785

Project ID: EVERSOURCE DURHAM

Client Id	Lab Id	Matrix
PIPE-W	CI71785	SURFACE WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2021

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		07/12/21	13:00
Location Code:	WESTSAMP-EVER$	Received by:	B	07/12/21	16:00
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI71785
Phoenix ID: CI71785

Project ID: EVERSOURCE DURHAM
Client ID: PIPE-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Extraction	Completed				07/12/21	A/CC	SW3510C
Polychlorinated Biphenyls							
PCB-1016	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1221	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1232	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1242	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1248	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1254	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1260	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1262	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
PCB-1268	ND	0.47	ug/L	1	07/13/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	57		%	1	07/13/21	SC	30 - 150 %
% DCBP (Confirmation)	53		%	1	07/13/21	SC	30 - 150 %
% TCMX	113		%	1	07/13/21	SC	30 - 150 %
% TCMX (Confirmation)	112		%	1	07/13/21	SC	30 - 150 %

Project ID: EVERSOURCE DURHAM
Client ID: PIPE-W

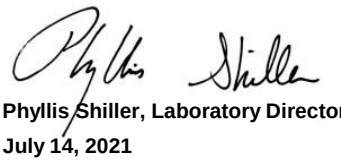
Phoenix I.D.: CI71785

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 14, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 14, 2021

QA/QC Data

SDG I.D.: GCI71785

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 583123 (ug/L), QC Sample No: CI69157 (CI71785)										
Polychlorinated Biphenyls - Surface Water										
PCB-1016	ND	0.050	99	102	3.0				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	102	106	3.8				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	70	%	97	99	2.0				30 - 150	20
% DCBP (Surrogate Rec) (Confirm	78	%	90	95	5.4				30 - 150	20
% TCMX (Surrogate Rec)	53	%	92	97	5.3				30 - 150	20
% TCMX (Surrogate Rec) (Confirm	65	%	92	101	9.3				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 14, 2021

Wednesday, July 14, 2021

Criteria: CT: GWP, I/C, RC, SWP

State: CT

Sample Criteria Exceedances Report

GCI71785 - WESTSAMP-EVER$

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Weston & Sampson

Project Location: EVERSOURCE DURHAM ***Project Number:***

Laboratory Sample ID(s): CI71785 ***Sampling Date(s):*** 7/12/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8082

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ 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 the 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: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, July 14, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

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

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 14, 2021

SDG I.D.: GCI71785

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD5 07/13/21-1 Saadia Chudary, Chemist 07/13/21

CI71785 (1X)

The initial calibration (PC518AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC518BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 583123 (CI69157)

CI71785

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Temperature Narration

The samples were received at 1.4C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.4 °C Pg 1 of 1

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone: WillsonJ@ewseinc.com
[x] Email: SirotnakW@ewseinc.com

Customer: Weston Sampson
Address: 712 Brook St
Rocky Hill, CT 06067

Project: Eversource - Durham
Report to: Jeff Wilson
Invoice to: Jeff Willson
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 7/12/21

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs	MS/MSD *	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/tho	Bacteria Bottle as is
71785	Pipe - W	SW	7/12/21	1100	X							4						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7/12/21	1525
[signature]	[signature]	7/12	1600

Comments, Special Requirements or Regulations:

Turnaround Time:
[x] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] Standard
[ ] Other
* SURCHARGE APPLIES

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[x] RCP Cert
[x] GW Protection
[ ] SW Protection
[ ] GA Mobility
[ ] GB Mobility
[x] Residential DEC
[x] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[x] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

Page 9 of 9

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 21, 2021

Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Project ID: EVERSOURCE-DURHAM
SDG ID: GCI75209
Sample ID#s: CI75209

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

July 21, 2021

SDG I.D.: GCI75209

Project ID: EVERSOURCE-DURHAM

Client Id	Lab Id	Matrix
PTP-1	CI75209	SOLID

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 21, 2021

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/15/21	13:00
Location Code:	WESTSAMP	Received by:	SW	07/15/21	16:57
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI75209
Phoenix ID: CI75209

Project ID: EVERSOURCE-DURHAM
Client ID: PTP-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		07/15/21	AR	SW846-%Solid
Extraction for PCB	Completed				07/15/21	S/AR	SW3540C
PCB (Soxhlet SW3540C)							
PCB-1016	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1221	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1232	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1242	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1248	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1254	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1260	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1262	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
PCB-1268	ND	500	ug/Kg	2	07/16/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	96		%	2	07/16/21	SC	30 - 150 %
% DCBP (Confirmation)	91		%	2	07/16/21	SC	30 - 150 %
% TCMX	74		%	2	07/16/21	SC	30 - 150 %
% TCMX (Confirmation)	78		%	2	07/16/21	SC	30 - 150 %

Project ID: EVERSOURCE-DURHAM
Client ID: PTP-1

Phoenix I.D.: CI75209

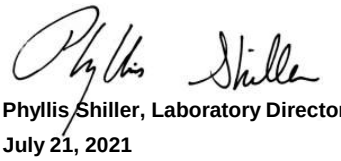
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 21, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 21, 2021

QA/QC Data

SDG I.D.: GCI75209

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 583682 (ug/Kg), QC Sample No: CI73337 10X (CI75209)										
Polychlorinated Biphenyls - Solid										
PCB-1016	ND	170	95	98	3.1				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	102	109	6.6				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	130	%	124	115	7.5				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	119	%	137	102	29.3				30 - 150	30
% TCMX (Surrogate Rec)	88	%	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	91	%	100	109	8.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
July 21, 2021

Wednesday, July 21, 2021

Criteria: CT: I/C, RC

State: CT

Sample Criteria Exceedances Report

GCI75209 - WESTSAMP

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Weston & Sampson

Project Location: EVERSOURCE-DURHAM ***Project Number:***

Laboratory Sample ID(s): CI75209 ***Sampling Date(s):*** 7/15/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8082

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ 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 the 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: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, July 21, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

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

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

RCP Certification Report

July 21, 2021

SDG I.D.: GCI75209

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD1 07/16/21-1 Saadia Chudary, Chemist 07/16/21

CI75209 (2X)

The initial calibration (PC708AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC708BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 583682 (CI73337)

CI75209

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Temperature Narration

The samples were received at 1.5C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [x] No [ ]
Coolant: IPK [x] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.6 °C Pg 1 of 1

Data Delivery/Contact Options:
[ ] Fax:
[x] Phone: WillsonJ@WSEinc.com
[x] Email: SiatnskW@WSEinc.com

Customer: Weston + Sampson
Address: 712 Brook St
Rocky Hill, CT 06067

Project: Eversource - Durham
Report to: Jeff Willson
Invoice to: Jeff Willson
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7/15/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs (soxhlet)	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
75209	PTP-1	SD	7/15/21	1300	X				1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	ST	7/15/21	1600
ST	[signature]	7/15/21	1657

Comments, Special Requirements or Regulations:

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
[x] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[x] RCP Cert
[ ] GW Protection
[ ] SW Protection
[ ] GA Mobility
[ ] GB Mobility
[x] Residential DEC
[x] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[x] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[x] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

Page 9 of 9

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 21, 2021

Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Project ID: EVERSOURCE DURHAM
SDG ID: GCI75642
Sample ID#s: CI75642 - CI75643

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

July 21, 2021

SDG I.D.: GCI75642

Project ID: EVERSOURCE DURHAM

Client Id	Lab Id	Matrix
PTP-2	CI75642	SOLID
PIPE-W2	CI75643	GROUND WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 21, 2021

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/16/21	11:00
Location Code:	WESTSAMP-EVER$	Received by:	B	07/16/21	13:17
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI75642
Phoenix ID: CI75642

Project ID: EVERSOURCE DURHAM
Client ID: PTP-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	97		%		07/16/21	AR	SW846-%Solid
Extraction for PCB	Completed				07/16/21	S/KL/AR	SW3540C
PCB (Soxhlet SW3540C)							
PCB-1016	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1221	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1232	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1242	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1248	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1254	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1260	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1262	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
PCB-1268	ND	340	ug/Kg	10	07/19/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	101		%	10	07/19/21	SC	30 - 150 %
% DCBP (Confirmation)	101		%	10	07/19/21	SC	30 - 150 %
% TCMX	95		%	10	07/19/21	SC	30 - 150 %
% TCMX (Confirmation)	92		%	10	07/19/21	SC	30 - 150 %

Project ID: EVERSOURCE DURHAM
Client ID: PTP-2

Phoenix I.D.: CI75642

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 21, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 21, 2021

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/16/21	9:00
Location Code:	WESTSAMP-EVER$	Received by:	B	07/16/21	13:17
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI75642
Phoenix ID: CI75643

Project ID: EVERSOURCE DURHAM
Client ID: PIPE-W2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Extraction	Completed				07/16/21	C/C	SW3510C
Polychlorinated Biphenyls							
PCB-1016	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1221	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1232	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1242	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1248	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1254	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1260	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1262	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
PCB-1268	ND	0.49	ug/L	1	07/19/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	38		%	1	07/19/21	SC	30 - 150 %
% DCBP (Confirmation)	38		%	1	07/19/21	SC	30 - 150 %
% TCMX	76		%	1	07/19/21	SC	30 - 150 %
% TCMX (Confirmation)	80		%	1	07/19/21	SC	30 - 150 %

Project ID: EVERSOURCE DURHAM
Client ID: PIPE-W2

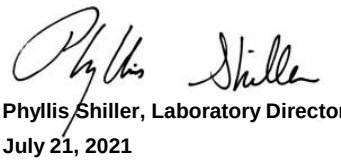
Phoenix I.D.: CI75643

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 21, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 21, 2021

QA/QC Data

SDG I.D.: GCI75642

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 583910 (ug/Kg), QC Sample No: CI75379 10X (CI75642)										
Polychlorinated Biphenyls - Solid										
PCB-1016	ND	170	91	94	3.2				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	97	97	0.0				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	105	%	106	107	0.9				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	106	%	105	110	4.7				30 - 150	30
% TCMX (Surrogate Rec)	92	%	98	106	7.8				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	93	%	101	107	5.8				30 - 150	30
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
QA/QC Batch 583836 (ug/L), QC Sample No: CI75822 (CI75643)										
Polychlorinated Biphenyls - Ground Water										
PCB-1016	ND	0.050	89	88	1.1				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	83	78	6.2				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	60	%	81	77	5.1				30 - 150	20
% DCBP (Surrogate Rec) (Confirm	62	%	77	72	6.7				30 - 150	20
% TCMX (Surrogate Rec)	62	%	87	86	1.2				30 - 150	20
% TCMX (Surrogate Rec) (Confirm	72	%	89	89	0.0				30 - 150	20
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										

QA/QC Data

SDG I.D.: GCI75642

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
July 21, 2021

Wednesday, July 21, 2021

Criteria: CT: I/C, RC

State: CT

Sample Criteria Exceedances Report

GCI75642 - WESTSAMP-EVER$

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Weston & Sampson

Project Location: EVERSOURCE DURHAM ***Project Number:***

Laboratory Sample ID(s): CI75642, CI75643 ***Sampling Date(s):*** 7/16/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8082

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ 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 the 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: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, July 21, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

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

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 21, 2021

SDG I.D.: GCI75642

SDG Comments

Temperature above 6C:
The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD48 07/19/21-1 Saadia Chudary, Chemist 07/19/21

CI75642 (10X)

The initial calibration (PC706AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC706BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

AU-ECD5 07/19/21-1 Saadia Chudary, Chemist 07/19/21

CI75643 (1X)

The initial calibration (PC518AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC518BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 583836 (CI75822)

CI75643

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Batch 583910 (CI75379)

CI75642

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Temperature Narration

The samples were received at 11.4C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [✓] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 11.4 °C Pg of

Data Delivery/Contact Options:
[ ] Fax:
[✓] Phone: willson@wsenc.com
[✓] Email: sinchak@wsenc.com

Customer: Wilson Ind Surveyors
Address: 712 Brook St
Rocky Hill, CT 06067

Project: Eversource-Durham
Report to: Jeff Willson
Invoice to: Jeff Willson
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7/16/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs (Soxhlet)	MS/MSD *	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (✓) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [✓] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
751642	PIP-2	SD	7/16/21	1100	X				1									
751643	Pipe-W2	GW	7/16/21	900	X						2							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7/16/21	1730
			1317

Comments, Special Requirements or Regulations:

Turnaround Time:
[✓] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] Standard
[ ] Other
* SURCHARGE APPLIES

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

RI
[ ] (Residential)
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[✓] RCP Cert
[ ] GW Protection
[ ] SW Protection
[ ] GA Mobility
[ ] GB Mobility
[✓] Residential DEC
[ ] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[✓] Excel
[✓] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[✓] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 165
Page 828 of 1638

FLOOR DRAIN PCB WIPE SAMPLES

(October 2023)

PHOENIX
Environmental Laboratories, Inc.

Monday, October 16, 2023

Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Project ID: EVERSOURCE-PARSON LANE
SDG ID: GCP19209
Sample ID#s: CP19209 - CP19212

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 16, 2023

SDG I.D.: GCP19209

Project ID: EVERSOURCE-PARSON LANE

Client Id	Lab Id	Matrix
FD-U-WIPE-N	CP19209	WIPE
FD-WIPE-N	CP19210	WIPE
FD-WIPE-E	CP19211	WIPE
FD-WIPE-W	CP19212	WIPE

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2023

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/05/23	13:20
Location Code:	WESTSAMP-EVER$	Received by:	SR1	10/06/23	11:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP19209
Phoenix ID: CP19209

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-U-WIPE-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Wipe Extraction	Completed				10/12/23	R/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1221	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1232	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1242	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1248	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1254	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1260	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1262	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1268	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
QA/QC Surrogates							
% DCBP	81		%	1	10/13/23	SC	30 - 150 %
% DCBP (Confirmation)	81		%	1	10/13/23	SC	30 - 150 %
% TCMX	73		%	1	10/13/23	SC	30 - 150 %
% TCMX (Confirmation)	75		%	1	10/13/23	SC	30 - 150 %
Area for PCB Wipes cm2	100		cm2	1	10/05/23		SW8082A

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-U-WIPE-N

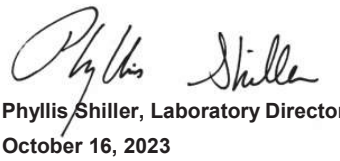
Phoenix I.D.: CP19209

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2023
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2023

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/05/23	13:30
Location Code:	WESTSAMP-EVER$	Received by:	SR1	10/06/23	11:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP19209
Phoenix ID: CP19210

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Wipe Extraction	Completed				10/12/23	R/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1221	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1232	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1242	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1248	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1254	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1260	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1262	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1268	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
QA/QC Surrogates							
% DCBP	79		%	1	10/13/23	SC	30 - 150 %
% DCBP (Confirmation)	77		%	1	10/13/23	SC	30 - 150 %
% TCMX	75		%	1	10/13/23	SC	30 - 150 %
% TCMX (Confirmation)	74		%	1	10/13/23	SC	30 - 150 %
Area for PCB Wipes cm2	100		cm2	1	10/05/23		SW8082A

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-N

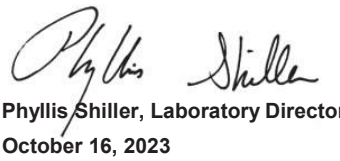
Phoenix I.D.: CP19210

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2023
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2023

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/05/23	13:40
Location Code:	WESTSAMP-EVER$	Received by:	SR1	10/06/23	11:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP19209
Phoenix ID: CP19211

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Wipe Extraction	Completed				10/12/23	R/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1221	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1232	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1242	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1248	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1254	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1260	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1262	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1268	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
QA/QC Surrogates							
% DCBP	82		%	1	10/13/23	SC	30 - 150 %
% DCBP (Confirmation)	83		%	1	10/13/23	SC	30 - 150 %
% TCMX	79		%	1	10/13/23	SC	30 - 150 %
% TCMX (Confirmation)	77		%	1	10/13/23	SC	30 - 150 %
Area for PCB Wipes cm2	100		cm2	1	10/05/23		SW8082A

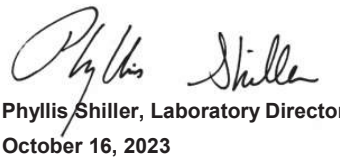
Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-E
Phoenix I.D.: CP19211

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2023
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2023

FOR: Attn: Jeff Wilson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/05/23	13:50
Location Code:	WESTSAMP-EVER$	Received by:	SR1	10/06/23	11:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP19209
Phoenix ID: CP19212

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB Wipe Extraction	Completed				10/12/23	R/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1221	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1232	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1242	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1248	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1254	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1260	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1262	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
PCB-1268	ND	0.50	ug/100cm2	1	10/13/23	SC	SW8082A
QA/QC Surrogates							
% DCBP	78		%	1	10/13/23	SC	30 - 150 %
% DCBP (Confirmation)	81		%	1	10/13/23	SC	30 - 150 %
% TCMX	76		%	1	10/13/23	SC	30 - 150 %
% TCMX (Confirmation)	77		%	1	10/13/23	SC	30 - 150 %
Area for PCB Wipes cm2	100		cm2	1	10/05/23		SW8082A

Project ID: EVERSOURCE-PARSON LANE
Client ID: FD-WIPE-W

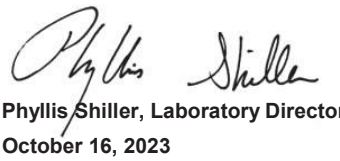
Phoenix I.D.: CP19212

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2023
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

October 16, 2023

QA/QC Data

SDG I.D.: GCP19209

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 701345 (ug), QC Sample No: CP18336 (CP19209, CP19210, CP19211, CP19212)										
Polychlorinated Biphenyl										
PCB-1016	ND	0.50	76	76	0.0				40 - 140	30
PCB-1221	ND	0.50							40 - 140	30
PCB-1232	ND	0.50							40 - 140	30
PCB-1242	ND	0.50							40 - 140	30
PCB-1248	ND	0.50							40 - 140	30
PCB-1254	ND	0.50							40 - 140	30
PCB-1260	ND	0.50	83	84	1.2				40 - 140	30
PCB-1262	ND	0.50							40 - 140	30
PCB-1268	ND	0.50							40 - 140	30
% DCBP (Surrogate Rec)	84	%	89	92	3.3				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	84	%	83	84	1.2				30 - 150	30
% TCMX (Surrogate Rec)	71	%	71	73	2.8				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	78	%	75	76	1.3				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 16, 2023

Monday, October 16, 2023
Criteria: None
State: CT

Sample Criteria Exceedances Report

GCP19209 - WESTSAMP-EVER$

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Weston & Sampson

Project Location: EVERSOURCE-PARSON LANE ***Project Number:***

Laboratory Sample ID(s): CP19209-CP19212 ***Sampling Date(s):*** 10/5/2023

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8082

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☐ Yes ☑ No ☑ 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 the 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: Ethan Lee **Position:** Project Manager

Printed Name: Ethan Lee **Date:** Monday, October 16, 2023

Name of Laboratory Phoenix Environmental Labs, Inc.

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

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 16, 2023

SDG I.D.: GCP19209

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD7 10/13/23-1 Saadia Chudary, Chemist 10/13/23

CP19209 (1X), CP19210 (1X), CP19211 (1X), CP19212 (1X)

The initial calibration (PC1012AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC1012BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 701345 (CP18336)

CP19209, CP19210, CP19211, CP19212

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Temperature Narration

The samples were received at 1.5C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 1.5 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
☐ Fax:
☐ Phone: WILSONJ@WSINC.COM
☑ Email: [illegible]@WSINC.COM

Customer: Weston + Sampson
Address: 712 Brook St
Rocky Hill, CT

Project: Eversource - Parson Lane
Report to: Jeff Willson (W+S)
Invoice to: Jeff Willson (W+S)
Quote #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/5/23

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate) PCBs (50x1ml)	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container 4 oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
19209	FD-U-WIPEN	W	10/5/23	1320	X			1									
19210	FD-WIPE-N	↓	↓	1330	X			1									
19211	FD-WIPE-E	↓	↓	1340	X			1									
19212	FD-WIPE-W	↓	↓	1350	X			1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	Dominic Grimaldi	10/6/23	1:08
Dominic G	[signature]	10/6/23	11:45

Comments, Special Requirements or Regulations:
Samples taken from 100 cm2 Area

Turnaround Time:
☐ 1 Day* ☑ Standard
☐ 2 Days* ☐ Other
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

* SURCHARGES MAY APPLY

RI
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

CT
☑ RCP Cert
☐ GWPC
☐ SWPC
☐ GA PMC
☐ GB PMC
☐ SWPC
☐ RES DEC
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ _____
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected: CT

Data Format
☑ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist*
☐ Full Data Package*
☑ Phoenix Std
☐ Other

* SURCHARGE APPLIES

Form PEL126 Rev. 1/23

SUPPLEMENTAL SEDIMENT SAMPLES

(March 2021)

con-test®
A Pace Analytical® Laboratory

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

April 8, 2021

Jeff Willson
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 21C1110

Enclosed are results of analyses for samples received by the laboratory on March 22, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Michelle M. Koch
Project Manager

Table of Contents

Sample Summary 3
Case Narrative 4
Sample Results 5
21C1110-01 5
21C1110-02 7
21C1110-03 9
21C1110-04 11
21C1110-05 13
Sample Preparation Information 15
QC Data 16
Polychlorinated Biphenyls with 3540 Soxhlet Extraction 16
B278770 16
B279619 17
B279626 18
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 19
B278744 19
Dual Column RPD Report 20
Flag/Qualifier Summary 31
Certifications 32
Chain of Custody/Sample Receipt 33

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 4/8/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1110

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP-1	21C1110-01	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
DUP-2	21C1110-02	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
DUP-3	21C1110-03	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
DUP-4	21C1110-04	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
DUP-OF	21C1110-05	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	

con-test®
A Pace Analytical® Laboratory

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

CASE NARRATIVE SUMMARY

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

SW 846 9060A

Qualifications:

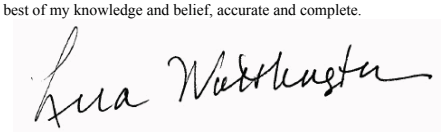
Z-01

Results obtained were outside of the curve and could not be obtained within the curve due to method's physical limitations. Results are estimated.

Analyte & Samples(s) Qualified:

Total Organic Carbon
21C1110-01[DUP-1]

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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.



Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110
Date Received: 3/22/2021
Field Sample #: DUP-1 | Sampled: 3/19/2021 00:00
Sample ID: 21C1110-01
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1221 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1232 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1242 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1248 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1254 [2]	0.056	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1260 [1]	0.024	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1262 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG
Aroclor-1268 [1]	ND	0.017	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.5	30-150		4/6/21 22:48
Decachlorobiphenyl [2]	74.1	30-150		4/6/21 22:48
Tetrachloro-m-xylene [1]	82.9	30-150		4/6/21 22:48
Tetrachloro-m-xylene [2]	78.4	30-150		4/6/21 22:48

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-1 | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	11.4		% Wt	1		SM 2540G	3/23/21	3/24/21 9:11	JS
Total Organic Carbon	350000	100	mg/Kg	1	Z-01	SW 846 9060A	3/25/21	3/25/21 16:34	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-2 | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1221 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1232 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1242 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1248 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1254 [1]	0.011	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1260 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1262 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG
Aroclor-1268 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:06	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.5	30-150		4/6/21 23:06
Decachlorobiphenyl [2]	75.3	30-150		4/6/21 23:06
Tetrachloro-m-xylene [1]	89.3	30-150		4/6/21 23:06
Tetrachloro-m-xylene [2]	83.5	30-150		4/6/21 23:06

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-2 | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.5		% Wt	1		SM 2540G	3/23/21	3/24/21 9:11	JS
Total Organic Carbon	24000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 16:54	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110
Date Received: 3/22/2021
Field Sample #: DUP-3 | Sampled: 3/19/2021 00:00
Sample ID: 21C1110-03
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1221 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1232 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1242 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1248 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1254 [2]	0.0076	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1260 [1]	0.0046	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1262 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM
Aroclor-1268 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:35	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.5	30-150		4/6/21 21:35
Decachlorobiphenyl [2]	73.9	30-150		4/6/21 21:35
Tetrachloro-m-xylene [1]	86.1	30-150		4/6/21 21:35
Tetrachloro-m-xylene [2]	66.9	30-150		4/6/21 21:35

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-3 | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.3		% Wt	1		SM 2540G	3/23/21	3/24/21 9:11	JS
Total Organic Carbon	2900	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 17:15	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110
Date Received: 3/22/2021
Field Sample #: DUP-4 | Sampled: 3/19/2021 00:00
Sample ID: 21C1110-04
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1221 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1232 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1242 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1248 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1254 [2]	0.056	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1260 [2]	0.0093	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1262 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM
Aroclor-1268 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:47	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		4/6/21 21:47
Decachlorobiphenyl [2]	77.0	30-150		4/6/21 21:47
Tetrachloro-m-xylene [1]	98.4	30-150		4/6/21 21:47
Tetrachloro-m-xylene [2]	73.2	30-150		4/6/21 21:47

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-4 | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.7		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	31000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 17:33	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110
Date Received: 3/22/2021
Field Sample #: DUP-OF | Sampled: 3/19/2021 00:00
Sample ID: 21C1110-05
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1254 [2]	0.43	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 11:32	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.0	30-150		3/30/21 11:32
Decachlorobiphenyl [2]	73.9	30-150		3/30/21 11:32
Tetrachloro-m-xylene [1]	78.3	30-150		3/30/21 11:32
Tetrachloro-m-xylene [2]	76.1	30-150		3/30/21 11:32

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1110

Date Received: 3/22/2021

Field Sample #: DUP-OF | Sampled: 3/19/2021 00:00

Sample ID: 21C1110-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.8		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	34000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 17:57	DJM

con-test®
A Pace Analytical® Laboratory

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

Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21C1110-01 [DUP-1]	B278625	03/23/21
21C1110-02 [DUP-2]	B278625	03/23/21
21C1110-03 [DUP-3]	B278625	03/23/21
21C1110-04 [DUP-4]	B278625	03/23/21
21C1110-05 [DUP-OF]	B278625	03/23/21

SW 846 9060A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1110-01 [DUP-1]	B278744	1.00	1.00	03/25/21
21C1110-02 [DUP-2]	B278744	1.00	1.00	03/25/21
21C1110-03 [DUP-3]	B278744	1.00	1.00	03/25/21
21C1110-04 [DUP-4]	B278744	1.00	1.00	03/25/21
21C1110-05 [DUP-OF]	B278744	1.00	1.00	03/25/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1110-05 [DUP-OF]	B278770	10.0	10.0	03/25/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1110-01 [DUP-1]	B279619	10.5	1.00	03/25/21
21C1110-02 [DUP-2]	B279619	10.9	1.00	03/25/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1110-03 [DUP-3]	B279626	10.0	1.00	03/25/21
21C1110-04 [DUP-4]	B279626	10.0	1.00	03/25/21

con-test®
A Pace 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 B278770 - SW-846 3540C										
Blank (B278770-BLK1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.154*		mg/Kg wet	0.200		76.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.129*		mg/Kg wet	0.200		64.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		81.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.152*		mg/Kg wet	0.200		76.2	30-150			
LCS (B278770-BS1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.0	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		74.5	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		68.7	40-140			
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		64.9	40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg wet	0.200		83.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.144*		mg/Kg wet	0.200		72.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.2	30-150			
LCS Dup (B278770-BSD1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.1	40-140	0.202	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7	40-140	4.26	30	
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		71.9	40-140	4.58	30	
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		65.6	40-140	1.10	30	
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.147*		mg/Kg wet	0.200		73.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg wet	0.200		77.6	30-150			

con-test®
A Pace 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 B279619 - SW-846 3540C										
Blank (B279619-BLK1)				Prepared: 03/25/21 Analyzed: 04/06/21						
Aroclor-1016	ND	0.0020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1221	ND	0.0020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1232	ND	0.0020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1242	ND	0.0020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1248	ND	0.0020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1254	ND	0.0020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1260	ND	0.0020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1262	ND	0.0020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1268	ND	0.0020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.0020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.159*		mg/Kg wet	0.200		79.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.136*		mg/Kg wet	0.200		67.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.140*		mg/Kg wet	0.200		69.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.132*		mg/Kg wet	0.200		66.1	30-150			
LCS (B279619-BS1)				Prepared: 03/25/21 Analyzed: 03/28/21						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		90.7	40-140			
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.4	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		92.6	40-140			
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		92.3	40-140			
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.243*		mg/Kg wet	0.200		121	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		92.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.195*		mg/Kg wet	0.200		97.4	30-150			
LCS Dup (B279619-BSD1)				Prepared: 03/25/21 Analyzed: 03/28/21						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		91.9	40-140	1.30	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		91.0	40-140	0.597	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		91.8	40-140	0.855	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		91.8	40-140	0.511	30	
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.243*		mg/Kg wet	0.200		121	30-150			
Surrogate: Tetrachloro-m-xylene	*0.189*		mg/Kg wet	0.200		94.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.3	30-150			

con-test®
A Pace 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 B279626 - SW-846 3540C										
Blank (B279626-BLK1)				Prepared: 03/25/21 Analyzed: 04/06/21						
Aroclor-1016	ND	0.0020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1221	ND	0.0020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1232	ND	0.0020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1242	ND	0.0020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1248	ND	0.0020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1254	ND	0.0020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1260	ND	0.0020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1262	ND	0.0020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1268	ND	0.0020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.0020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.151*		mg/Kg wet	0.200		75.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.133*		mg/Kg wet	0.200		66.7	30-150			
LCS (B279626-BS1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.0	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		74.5	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		68.7	40-140			
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		64.9	40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg wet	0.200		83.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.144*		mg/Kg wet	0.200		72.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.2	30-150			
LCS Dup (B279626-BSD1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.1	40-140	0.202	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7	40-140	4.26	30	
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		71.9	40-140	4.58	30	
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		65.6	40-140	1.10	30	
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.147*		mg/Kg wet	0.200		73.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg wet	0.200		77.6	30-150			

con-test®
A Pace Analytical® Laboratory

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

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 B278744 - SW 846 9060A										
Blank (B278744-BLK1)				Prepared & Analyzed: 03/25/21						
Total Organic Carbon	ND	100	mg/Kg							
LCS (B278744-BS1)				Prepared & Analyzed: 03/25/21						
Total Organic Carbon	664	100	mg/Kg	750		88.6	65.8-127			
LCS Dup (B278744-BSD1)				Prepared & Analyzed: 03/25/21						
Total Organic Carbon	669	100	mg/Kg	750		89.2	65.8-127	0.659	11.4	

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-1

Lab Sample ID: 21C1110-01 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD 4 Instrument ID (2): ECD 4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.053	
	2	0.000	-0.030	0.030	0.056	5.5
Aroclor-1260	1	0.000	-0.030	0.030	0.024	
	2	0.000	-0.030	0.030	0.023	4.3

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-2

Lab Sample ID: 21C1110-02 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD 4 Instrument ID (2): ECD 4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.011	
	2	0.000	-0.030	0.030	0.0092	17.8

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-3

Lab Sample ID: 21C1110-03 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.0066	
	2	0.000	-0.030	0.030	0.0076	14.1
Aroclor-1260	1	0.000	-0.030	0.030	0.0046	
	2	0.000	-0.030	0.030	0.0045	2.2

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-4

Lab Sample ID: 21C1110-04 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.052	
	2	0.000	-0.030	0.030	0.056	7.4
Aroclor-1260	1	0.000	-0.030	0.030	0.0076	
	2	0.000	-0.030	0.030	0.0093	20.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

DUP-OF

Lab Sample ID: 21C1110-05 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.40	
	2	0.000	-0.030	0.030	0.43	7.2

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B278770-BS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.15	6.5
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B278770-BSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.16	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B279619-BS1 Date(s) Analyzed: 03/28/2021 03/28/2021

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.18	5.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B279619-BSD1 Date(s) Analyzed: 03/28/2021 03/28/2021

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B279626-BS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.15	6.5
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B279626-BSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.16	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
Z-01	Results obtained were outside of the curve and could not be obtained within the curve due to method's physical limitations. Results are estimated.

con-test®
A Pace Analytical® Laboratory

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW 846 9060A in Soil	
Total Organic Carbon	NY,CT,ME,VA,NH
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1262	NY,NC,VA,PA
Aroclor-1262 [2C]	NY,NC,VA,PA
Aroclor-1268	NY,NC,VA,PA
Aroclor-1268 [2C]	NY,NC,VA,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

21C111D

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 2_06262019

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	Weston & Sampson
Address:	Rocky Hill CT
Phone:	800-SAMPSON
Project Name:	Eversource - Durham ER
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Wilson
Con-Test Quote Name/Number:	
Invoice Recipient:	Jeff Wilson
Sampled By:	Chris Berthiaume

Turnaround Time (TAT) Requested
7-Day: X | 10-Day:
PFAS 10-Day (std): | Due Date:

Turnaround Time (TAT) Approval Required
1-Day: | 3-Day:
2-Day: | 4-Day:

Data Deliverables
Format: PDF X EXCEL X
Other: Enviro Data
CLP Like Data Pkg Required:
Email To: WilsonJ@wsieinc.com
Fax To #:

Dissolved Metals Sample?
Field Filtered
Lab to Filter

Other Preserved Sample?
Field Filtered
Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PCBs w/ Soxh	Hold	TOC
1	DUP-1	3/19/21	—	G	S	U		1				X		X
2	DUP-2		—					1				X		X
3	DUP-3		—					1				X		X
4	DUP-4		—					1				X		X
5	DUP-OF		—					1				X		X

[2] Preservation Code

Container Type
Total Number Of:
VIALS
GLASS 5
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 3/22/21 1:05
Relinquished by: (signature)	Date/Time: 3/22/21 1635
Received by: (signature)	Date/Time: 3/22/21 1855
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Eversource project - ES rates
no sales tax

Detection Limit Requirements
PQL:
RL:
CT: 0.004 mg/kg
Other:

Special Requirements
MA MCP Required
MCP Certification Form Required
X CT RCP Required
RCP Certification Form Required
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government | Municipality | MWRA | WRTA
Federal | 21 J | School | MBTA
City | Brownfield

Other
Chromatogram
AIHA-LAP,LLC

PCB ONLY
X Soxhlet
Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WTS

Received By _____ Date 3/22/24 Time 1835

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.4
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? n/a MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	5
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test, a Pace Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 21C1110

Laboratory Sample ID(s):

21C1110-01 thru 21C1110-05

Sample Date(s):

03/19/2021

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 04/08/21

Name of Laboratory: Con-Test, a Pace Analytical Laboratory

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

con-test®
A Pace Analytical® Laboratory

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

March 30, 2021

Jeff Willson
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 21C1111

Enclosed are results of analyses for samples received by the laboratory on March 22, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Michelle M. Koch
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

21C1111-01 5

Sample Preparation Information 7

QC Data 8

Polychlorinated Biphenyls By GC/ECD 8

B278784 8

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 9

B278737 9

Dual Column RPD Report 10

Flag/Qualifier Summary 12

Certifications 13

Chain of Custody/Sample Receipt 14

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 3/30/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1111

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EB-031921	21C1111-01	Water		SM 5310B SW-846 8082A	

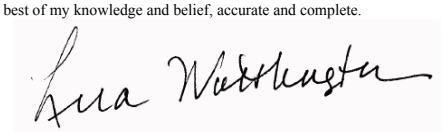
con-test®
A Pace Analytical® Laboratory

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

CASE NARRATIVE SUMMARY

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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.



Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1111

Date Received: 3/22/2021

Field Sample #: EB-031921 | Sampled: 3/19/2021 17:50

Sample ID: 21C1111-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1221 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1232 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1242 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1248 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1254 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1260 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1262 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG
Aroclor-1268 [1]	ND	0.19	µg/L	1		SW-846 8082A	3/25/21	3/26/21 10:56	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	88.2	30-150			3/26/21 10:56
Decachlorobiphenyl [2]	76.5	30-150			3/26/21 10:56
Tetrachloro-m-xylene [1]	84.5	30-150			3/26/21 10:56
Tetrachloro-m-xylene [2]	79.8	30-150			3/26/21 10:56

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1111

Date Received: 3/22/2021

Field Sample #: EB-031921 | Sampled: 3/19/2021 17:50

Sample ID: 21C1111-01

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Organic Carbon	ND	1.0	mg/L	1		SM 5310B	3/24/21	3/24/21 20:57	DJM

con-test®
A Pace Analytical® Laboratory

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

Sample Extraction Data

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
21C1111-01 [EB-031921]	B278737	50.0	50.0	03/24/21

Prep Method: SW-846 3510C **Analytical Method: SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
21C1111-01 [EB-031921]	B278784	1050	10.0	03/25/21

con-test®
A Pace Analytical® Laboratory

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

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B278784 - SW-846 3510C										
Blank (B278784-BLK1)				Prepared: 03/25/21 Analyzed: 03/26/21						
Aroclor-1016	ND	0.10	µg/L							
Aroclor-1016 [2C]	ND	0.10	µg/L							
Aroclor-1221	ND	0.10	µg/L							
Aroclor-1221 [2C]	ND	0.10	µg/L							
Aroclor-1232	ND	0.10	µg/L							
Aroclor-1232 [2C]	ND	0.10	µg/L							
Aroclor-1242	ND	0.10	µg/L							
Aroclor-1242 [2C]	ND	0.10	µg/L							
Aroclor-1248	ND	0.10	µg/L							
Aroclor-1248 [2C]	ND	0.10	µg/L							
Aroclor-1254	ND	0.10	µg/L							
Aroclor-1254 [2C]	ND	0.10	µg/L							
Aroclor-1260	ND	0.10	µg/L							
Aroclor-1260 [2C]	ND	0.10	µg/L							
Aroclor-1262	ND	0.10	µg/L							
Aroclor-1262 [2C]	ND	0.10	µg/L							
Aroclor-1268	ND	0.10	µg/L							
Aroclor-1268 [2C]	ND	0.10	µg/L							
Surrogate: Decachlorobiphenyl	*0.943*		µg/L	1.00		94.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.816*		µg/L	1.00		81.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.910*		µg/L	1.00		91.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.856*		µg/L	1.00		85.6	30-150			
LCS (B278784-BS1)				Prepared: 03/25/21 Analyzed: 03/26/21						
Aroclor-1016	0.51	0.20	µg/L	0.500		101	40-140			
Aroclor-1016 [2C]	0.46	0.20	µg/L	0.500		92.8	40-140			
Aroclor-1260	0.48	0.20	µg/L	0.500		96.0	40-140			
Aroclor-1260 [2C]	0.44	0.20	µg/L	0.500		87.3	40-140			
Surrogate: Decachlorobiphenyl	*1.91*		µg/L	2.00		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.67*		µg/L	2.00		83.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.71*		µg/L	2.00		85.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.60*		µg/L	2.00		80.2	30-150			
LCS Dup (B278784-BSD1)				Prepared: 03/25/21 Analyzed: 03/26/21						
Aroclor-1016	0.51	0.20	µg/L	0.500		102	40-140	1.03	20	
Aroclor-1016 [2C]	0.47	0.20	µg/L	0.500		93.3	40-140	0.567	20	
Aroclor-1260	0.50	0.20	µg/L	0.500		99.5	40-140	3.56	20	
Aroclor-1260 [2C]	0.45	0.20	µg/L	0.500		89.8	40-140	2.79	20	
Surrogate: Decachlorobiphenyl	*1.99*		µg/L	2.00		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.70*		µg/L	2.00		84.9	30-150			
Surrogate: Tetrachloro-m-xylene	*1.65*		µg/L	2.00		82.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.56*		µg/L	2.00		77.9	30-150			

con-test®
A Pace Analytical® Laboratory

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

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 B278737 - SM 5310B										
Blank (B278737-BLK1)				Prepared & Analyzed: 03/24/21						
Total Organic Carbon	ND	1.0	mg/L							
LCS (B278737-BS1)				Prepared & Analyzed: 03/24/21						
Total Organic Carbon	9.90	1.0	mg/L	10.0		99.0	89.1-113			
LCS Dup (B278737-BSD1)				Prepared & Analyzed: 03/24/21						
Total Organic Carbon	10.0	1.0	mg/L	10.0		100	89.1-113	1.19	5.45	

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B278784-BS1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.46	10.3
Aroclor-1260	1	0.000	0.000	0.000	0.48	
	2	0.000	0.000	0.000	0.44	8.7

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B278784-BSD1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.51	
	2	0.000	0.000	0.000	0.47	8.2
Aroclor-1260	1	0.000	0.000	0.000	0.50	
	2	0.000	0.000	0.000	0.45	10.5

con-test®
A Pace Analytical® Laboratory

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.

con-test®
A Pace Analytical® Laboratory

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SM 5310B in Water	
Total Organic Carbon	CT,NH,NY,RI,NC,MA,VA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1262	NH,NY,NC,ME,VA,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA
Aroclor-1268	NH,NY,NC,ME,VA,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

21C1611

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name:	Weston & Sampson
Address:	Rocky Hill, CT
Phone:	800-SAMPSON
Project Name:	Eversource - Durham ER
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	Jeff Willson
Sampled By:	Chris Bertaviam

Required Turnaround Time:
7-Day X | 10-Day
PFAS 10-Day (std) | Due Date:

Results Approval Required:
1-Day | 3-Day
2-Day | 4-Day

Data Delivery:
Format: PDF X EXCEL X
Other: EnviroData
CLP Like Data Pkg Required:
Email To: WillsonJ@wsginc.com
Fax To #:

Deliverables / Report Format:
Field Filtered
Lab to Filter

Deliverables / Report Format:
Field Filtered
Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	I	IS	PCBs	TOC	
1	EB-031921	3/19/21	1750	G	W	U		3						X	X	

[2] Preservation Code

Courier Use Only

Total Number Of:
VIALS 3
GLASS 3
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time: 3/22/21 1:05
Relinquished by: (signature)		Date/Time: 3/22/21 6:35
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:

Client Comments: Eversource project - ES rates
no sales tax

Regulatory Requirements:
MA MCP Required
MCP Certification Form Required
CT RCP Required
RCP Certification Form Required
Other: GWPC, SWPC
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government | Municipality | MWRA | WRTA
Federal | 21 J | School
City | Brownfield | MBTA

Other
Chromatogram
AIHA-LAP,LLC

PCB ONLY
X Soxhlet
Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 165
Page 894 of 1638
Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WTS

Received By _____ Date 3/22/21 Time 1835

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.4 By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? n/a MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? Acid T Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	2	1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.	1	250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test, a Pace Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 21C1111

Laboratory Sample ID(s):

21C1111-01

Sample Date(s):

03/19/2021

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Technical Representative**

Printed Name: **Lisa A. Worthington** **Date:** **03/30/21**

Name of Laboratory: **Con-Test, a Pace Analytical Laboratory**

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

con-test®
A Pace Analytical® Laboratory

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

April 8, 2021

Jeff Willson
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 21C1112

Enclosed are results of analyses for samples received by the laboratory on March 22, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michelle Koch

Michelle M. Koch
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 7

21C1112-01 7

21C1112-02 8

21C1112-03 10

21C1112-04 12

21C1112-05 14

21C1112-06 16

21C1112-07 18

21C1112-08 20

21C1112-09 22

21C1112-10 24

21C1112-11 26

Sample Preparation Information 28

QC Data 29

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 29

B278709 29

B279620 29

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 31

B278744 31

B279118 31

Dual Column RPD Report 32

Flag/Qualifier Summary 46

Certifications 47

Table of Contents (continued)

Chain of Custody/Sample Receipt 48

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 4/8/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1112

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SED-1 (0-6)	21C1112-01	Soil		SM 2540G	
SED-2 (0-6)	21C1112-02	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-3 (0-6)	21C1112-03	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-4 (0-6)	21C1112-04	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-5 (0-6)	21C1112-05	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-6 (0-6)	21C1112-06	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-7 (0-6)	21C1112-07	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-8 (0-6)	21C1112-08	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-9 (0-6)	21C1112-09	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-10 (0-6)	21C1112-10	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
SED-11 (0-6)	21C1112-11	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	

con-test®
A Pace Analytical® Laboratory

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

CASE NARRATIVE SUMMARY

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

REVISED REPORT - per client, report TOC for samples -07 thru 11 3/30/21 mmk

SW 846 9060A

Qualifications:

MS-07

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

Analyte & Samples(s) Qualified:

Total Organic Carbon
B278744-MS1

MS-11

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Total Organic Carbon
B278744-MSD1

R-05

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:

Total Organic Carbon
B279118-BSD1

Z-01

Results obtained were outside of the curve and could not be obtained within the curve due to method's physical limitations. Results are estimated.

Analyte & Samples(s) Qualified:

Total Organic Carbon
21C1112-06[SED-6 (0-6)]

Z-01a

Sample results were outside of the curve and could not be run within the curve due to method limitations. Results are estimated.

Analyte & Samples(s) Qualified:

Total Organic Carbon
21C1112-07[SED-7 (0-6)], 21C1112-09[SED-9 (0-6)], 21C1112-10[SED-10 (0-6)], 21C1112-11[SED-11 (0-6)]

SW-846 8082A

Qualifications:

P-07

Significant chromatographic interference was observed on only one of the two columns. Per EPA guidance, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

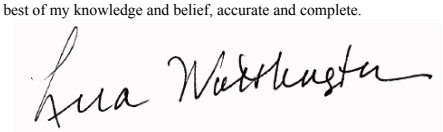
Analyte & Samples(s) Qualified:

Aroclor-1254
21C1112-06[SED-6 (0-6)], 21C1112-10[SED-10 (0-6)]

con-test®
A Pace Analytical® Laboratory

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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.



Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-1 (0-6) | Sampled: 3/19/2021 15:20

Sample ID: 21C1112-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.7		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-2 (0-6) | Sampled: 3/19/2021 14:30

Sample ID: 21C1112-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1254 [2]	0.51	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/24/21	3/29/21 20:51	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	71.5	30-150			3/29/21 20:51
Decachlorobiphenyl [2]	63.1	30-150			3/29/21 20:51
Tetrachloro-m-xylene [1]	77.6	30-150			3/29/21 20:51
Tetrachloro-m-xylene [2]	75.0	30-150			3/29/21 20:51

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-2 (0-6) | Sampled: 3/19/2021 14:30

Sample ID: 21C1112-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	67.5		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	31000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 18:12	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-3 (0-6) | Sampled: 3/19/2021 12:30

Sample ID: 21C1112-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1221 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1232 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1242 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1248 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1254 [2]	0.023	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1260 [2]	0.0051	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1262 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM
Aroclor-1268 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:37	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.8	30-150		4/6/21 15:37
Decachlorobiphenyl [2]	76.1	30-150		4/6/21 15:37
Tetrachloro-m-xylene [1]	88.1	30-150		4/6/21 15:37
Tetrachloro-m-xylene [2]	69.2	30-150		4/6/21 15:37

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-3 (0-6) | Sampled: 3/19/2021 12:30

Sample ID: 21C1112-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.8		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	19000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 18:34	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-4 (0-6) | Sampled: 3/19/2021 08:45

Sample ID: 21C1112-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1221 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1232 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1242 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1248 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1254 [2]	0.0084	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1260 [1]	0.0059	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1262 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM
Aroclor-1268 [1]	ND	0.0028	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 15:54	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.6	30-150		4/6/21 15:54
Decachlorobiphenyl [2]	73.4	30-150		4/6/21 15:54
Tetrachloro-m-xylene [1]	82.2	30-150		4/6/21 15:54
Tetrachloro-m-xylene [2]	65.2	30-150		4/6/21 15:54

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-4 (0-6) | Sampled: 3/19/2021 08:45

Sample ID: 21C1112-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.2		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	14000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 19:01	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-5 (0-6) | Sampled: 3/17/2021 18:00

Sample ID: 21C1112-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1221 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1232 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1242 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1248 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1254 [2]	0.013	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1260 [1]	0.0072	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1262 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM
Aroclor-1268 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:11	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.8	30-150		4/6/21 16:11
Decachlorobiphenyl [2]	73.0	30-150		4/6/21 16:11
Tetrachloro-m-xylene [1]	87.4	30-150		4/6/21 16:11
Tetrachloro-m-xylene [2]	69.7	30-150		4/6/21 16:11

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-5 (0-6) | Sampled: 3/17/2021 18:00

Sample ID: 21C1112-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.0		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	20000	100	mg/Kg	1		SW 846 9060A	3/25/21	3/25/21 20:24	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-6 (0-6) | Sampled: 3/17/2021 14:00

Sample ID: 21C1112-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1254 [1]	0.064	0.023	mg/Kg dry	1	P-07	SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:29	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
Decachlorobiphenyl [1]	97.8	30-150				4/6/21 16:29	
Decachlorobiphenyl [2]	76.9	30-150				4/6/21 16:29	
Tetrachloro-m-xylene [1]	92.5	30-150				4/6/21 16:29	
Tetrachloro-m-xylene [2]	70.0	30-150				4/6/21 16:29	

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-6 (0-6) | Sampled: 3/17/2021 14:00

Sample ID: 21C1112-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	8.73		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	210000	100	mg/Kg	1	Z-01	SW 846 9060A	3/25/21	3/25/21 21:35	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-7 (0-6) | Sampled: 3/17/2021 14:10

Sample ID: 21C1112-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1221 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1232 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1242 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1248 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1254 [1]	0.067	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1260 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1262 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM
Aroclor-1268 [1]	ND	0.036	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 16:46	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
Decachlorobiphenyl [1]	91.2	30-150				4/6/21 16:46	
Decachlorobiphenyl [2]	73.4	30-150				4/6/21 16:46	
Tetrachloro-m-xylene [1]	87.6	30-150				4/6/21 16:46	
Tetrachloro-m-xylene [2]	68.1	30-150				4/6/21 16:46	

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-7 (0-6) | Sampled: 3/17/2021 14:10

Sample ID: 21C1112-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	5.45		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	330000	100	mg/Kg	1	Z-01a	SW 846 9060A	3/31/21	3/31/21 10:56	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-8 (0-6) | Sampled: 3/17/2021 11:15

Sample ID: 21C1112-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1254 [2]	0.057	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1260 [1]	0.033	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:03	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		4/6/21 17:03
Decachlorobiphenyl [2]	75.3	30-150		4/6/21 17:03
Tetrachloro-m-xylene [1]	93.2	30-150		4/6/21 17:03
Tetrachloro-m-xylene [2]	70.6	30-150		4/6/21 17:03

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-8 (0-6) | Sampled: 3/17/2021 11:15

Sample ID: 21C1112-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	8.49		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	14000	100	mg/Kg	1		SW 846 9060A	3/31/21	3/31/21 10:05	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-9 (0-6) | Sampled: 3/17/2021 12:05

Sample ID: 21C1112-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1221 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1232 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1242 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1248 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1254 [1]	0.072	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1260 [2]	0.030	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1262 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM
Aroclor-1268 [1]	ND	0.019	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:21	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.8	30-150		4/6/21 17:21
Decachlorobiphenyl [2]	73.1	30-150		4/6/21 17:21
Tetrachloro-m-xylene [1]	89.1	30-150		4/6/21 17:21
Tetrachloro-m-xylene [2]	68.6	30-150		4/6/21 17:21

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-9 (0-6) | Sampled: 3/17/2021 12:05

Sample ID: 21C1112-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	10.8		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	200000	100	mg/Kg	1	Z-01a	SW 846 9060A	3/31/21	3/31/21 10:18	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-10 (0-6) | Sampled: 3/17/2021 16:30

Sample ID: 21C1112-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1254 [1]	0.048	0.026	mg/Kg dry	1	P-07	SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:38	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.3	30-150		4/6/21 17:38
Decachlorobiphenyl [2]	75.5	30-150		4/6/21 17:38
Tetrachloro-m-xylene [1]	94.2	30-150		4/6/21 17:38
Tetrachloro-m-xylene [2]	71.3	30-150		4/6/21 17:38

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-10 (0-6) | Sampled: 3/17/2021 16:30

Sample ID: 21C1112-10

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	7.56		% Wt	1		SM 2540G	3/23/21	3/24/21 9:12	JS
Total Organic Carbon	290000	100	mg/Kg	1	Z-01a	SW 846 9060A	3/31/21	3/31/21 11:20	DJM

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-11 (0-6) | Sampled: 3/17/2021 16:40

Sample ID: 21C1112-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1254 [2]	0.054	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	3/24/21	4/6/21 17:55	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.7	30-150		4/6/21 17:55
Decachlorobiphenyl [2]	70.1	30-150		4/6/21 17:55
Tetrachloro-m-xylene [1]	84.6	30-150		4/6/21 17:55
Tetrachloro-m-xylene [2]	67.2	30-150		4/6/21 17:55

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1112

Date Received: 3/22/2021

Field Sample #: SED-11 (0-6) | Sampled: 3/17/2021 16:40

Sample ID: 21C1112-11

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	8.61		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS
Total Organic Carbon	160000	100	mg/Kg	1	Z-01a	SW 846 9060A	3/31/21	3/31/21 11:47	DJM

con-test®
A Pace Analytical® Laboratory

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

Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21C1112-01 [SED-1 (0-6)]	B278625	03/23/21
21C1112-02 [SED-2 (0-6)]	B278625	03/23/21
21C1112-03 [SED-3 (0-6)]	B278625	03/23/21
21C1112-04 [SED-4 (0-6)]	B278625	03/23/21
21C1112-05 [SED-5 (0-6)]	B278625	03/23/21
21C1112-06 [SED-6 (0-6)]	B278625	03/23/21
21C1112-07 [SED-7 (0-6)]	B278625	03/23/21
21C1112-08 [SED-8 (0-6)]	B278625	03/23/21
21C1112-09 [SED-9 (0-6)]	B278625	03/23/21
21C1112-10 [SED-10 (0-6)]	B278625	03/23/21
21C1112-11 [SED-11 (0-6)]	B278625	03/23/21

SW 846 9060A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1112-02 [SED-2 (0-6)]	B278744	1.00	1.00	03/25/21
21C1112-03 [SED-3 (0-6)]	B278744	1.00	1.00	03/25/21
21C1112-04 [SED-4 (0-6)]	B278744	1.00	1.00	03/25/21
21C1112-05 [SED-5 (0-6)]	B278744	1.00	1.00	03/25/21
21C1112-06 [SED-6 (0-6)]	B278744	1.00	1.00	03/25/21

SW 846 9060A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1112-07 [SED-7 (0-6)]	B279118	1.00	1.00	03/31/21
21C1112-08 [SED-8 (0-6)]	B279118	1.00	1.00	03/31/21
21C1112-09 [SED-9 (0-6)]	B279118	1.00	1.00	03/31/21
21C1112-10 [SED-10 (0-6)]	B279118	1.00	1.00	03/31/21
21C1112-11 [SED-11 (0-6)]	B279118	1.00	1.00	03/31/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1112-02 [SED-2 (0-6)]	B278709	10.4	10.0	03/24/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1112-03 [SED-3 (0-6)]	B279620	10.4	1.00	03/24/21
21C1112-04 [SED-4 (0-6)]	B279620	10.4	1.00	03/24/21
21C1112-05 [SED-5 (0-6)]	B279620	10.1	1.00	03/24/21
21C1112-06 [SED-6 (0-6)]	B279620	10.1	1.00	03/24/21
21C1112-07 [SED-7 (0-6)]	B279620	10.1	1.00	03/24/21
21C1112-08 [SED-8 (0-6)]	B279620	10.1	1.00	03/24/21
21C1112-09 [SED-9 (0-6)]	B279620	10.0	1.00	03/24/21
21C1112-10 [SED-10 (0-6)]	B279620	10.3	1.00	03/24/21
21C1112-11 [SED-11 (0-6)]	B279620	10.4	1.00	03/24/21

con-test®
A Pace 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 B278709 - SW-846 3540C										
Blank (B278709-BLK1)				Prepared: 03/24/21 Analyzed: 03/26/21						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.174*		mg/Kg wet	0.200		87.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.141*		mg/Kg wet	0.200		70.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.145*		mg/Kg wet	0.200		72.4	30-150			
LCS (B278709-BS1)				Prepared: 03/24/21 Analyzed: 03/26/21						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		75.3	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.1	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.5	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.3	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.192*		mg/Kg wet	0.200		96.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.150*		mg/Kg wet	0.200		75.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.154*		mg/Kg wet	0.200		77.1	30-150			
Batch B279620 - SW-846 3540C										
Blank (B279620-BLK1)				Prepared: 03/24/21 Analyzed: 04/06/21						
Aroclor-1016	ND	0.0020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1221	ND	0.0020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1232	ND	0.0020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1242	ND	0.0020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1248	ND	0.0020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1254	ND	0.0020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1260	ND	0.0020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1262	ND	0.0020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1268	ND	0.0020	mg/Kg wet							

con-test®
A Pace 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 B279620 - SW-846 3540C										
Blank (B279620-BLK1)				Prepared: 03/24/21 Analyzed: 04/06/21						
Aroclor-1268 [2C]	ND	0.0020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.163*		mg/Kg wet	0.200		81.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.141*		mg/Kg wet	0.200		70.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.138*		mg/Kg wet	0.200		69.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.123*		mg/Kg wet	0.200		61.5	30-150			
LCS (B279620-BS1)				Prepared: 03/24/21 Analyzed: 03/26/21						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		75.3	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.1	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.5	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.3	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.192*		mg/Kg wet	0.200		96.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.150*		mg/Kg wet	0.200		75.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.154*		mg/Kg wet	0.200		77.1	30-150			
Matrix Spike (B279620-MS1)	**Source: 21C1112-05**			Prepared: 03/24/21 Analyzed: 03/26/21						
Aroclor-1016	0.25	0.53	mg/Kg dry	0.263	ND	96.8	40-140			
Aroclor-1016 [2C]	0.30	0.53	mg/Kg dry	0.263	ND	116	40-140			
Aroclor-1260	0.25	0.53	mg/Kg dry	0.263	0.0072	93.2	40-140			
Aroclor-1260 [2C]	0.29	0.53	mg/Kg dry	0.263	0.0055	110	40-140			
Surrogate: Decachlorobiphenyl	*0.242*		mg/Kg dry	0.263		92.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.289*		mg/Kg dry	0.263		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg dry	0.263		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.260*		mg/Kg dry	0.263		98.9	30-150			
Matrix Spike Dup (B279620-MSD1)	**Source: 21C1112-05**			Prepared: 03/24/21 Analyzed: 03/26/21						
Aroclor-1016	0.27	0.53	mg/Kg dry	0.263	ND	102	40-140	4.78	50	
Aroclor-1016 [2C]	0.31	0.53	mg/Kg dry	0.263	ND	119	40-140	2.65	50	
Aroclor-1260	ND	0.53	mg/Kg dry	0.263	ND	*	40-140		50	
Aroclor-1260 [2C]	0.30	0.53	mg/Kg dry	0.263	ND	115	40-140	2.38	50	
Surrogate: Decachlorobiphenyl	*0.262*		mg/Kg dry	0.263		99.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.299*		mg/Kg dry	0.263		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.235*		mg/Kg dry	0.263		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.267*		mg/Kg dry	0.263		102	30-150			

con-test®
A Pace Analytical® Laboratory

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

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 B278744 - SW 846 9060A												
Blank (B278744-BLK1)				Prepared & Analyzed: 03/25/21								
Total Organic Carbon	ND	100	mg/Kg									
LCS (B278744-BS1)				Prepared & Analyzed: 03/25/21								
Total Organic Carbon	664	100	mg/Kg	750		88.6		65.8-127				
LCS Dup (B278744-BSD1)				Prepared & Analyzed: 03/25/21								
Total Organic Carbon	669	100	mg/Kg	750		89.2		65.8-127	0.659		11.4	
Duplicate (B278744-DUP1)	**Source: 21C1112-05**			Prepared & Analyzed: 03/25/21								
Total Organic Carbon	21000	100	mg/Kg		20200				4.04		57.3	
Matrix Spike (B278744-MS1)	**Source: 21C1112-05**			Prepared & Analyzed: 03/25/21								
Total Organic Carbon	19700	100	mg/Kg	750	20200	**-63.4**	*	85-115				MS-07
Matrix Spike Dup (B278744-MSD1)	**Source: 21C1112-05**			Prepared & Analyzed: 03/25/21								
Total Organic Carbon	22600	100	mg/Kg	750	20200	**330**	*	85-115	13.9		20	MS-11
Batch B279118 - SW 846 9060A												
Blank (B279118-BLK1)				Prepared & Analyzed: 03/31/21								
Total Organic Carbon	ND	100	mg/Kg									
LCS (B279118-BS1)				Prepared & Analyzed: 03/31/21								
Total Organic Carbon	542	100	mg/Kg	750		72.2		65.8-127				
LCS Dup (B279118-BSD1)				Prepared & Analyzed: 03/31/21								
Total Organic Carbon	638	100	mg/Kg	750		85.1		65.8-127	**16.3**	*	11.4	R-05

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-2 (0-6)

Lab Sample ID: 21C1112-02 Date(s) Analyzed: 03/29/2021 03/29/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.44	
	2	0.000	-0.030	0.030	0.51	14.7

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-3 (0-6)

Lab Sample ID: 21C1112-03 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.022	
	2	0.000	-0.030	0.030	0.023	4.4
Aroclor-1260	1	0.000	-0.030	0.030	0.0036	
	2	0.000	-0.030	0.030	0.0051	34.5

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-4 (0-6)

Lab Sample ID: 21C1112-04 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.0075	
	2	0.000	-0.030	0.030	0.0084	11.3
Aroclor-1260	1	0.000	-0.030	0.030	0.0059	
	2	0.000	-0.030	0.030	0.0054	8.9

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-5 (0-6)

Lab Sample ID: 21C1112-05 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.011	
	2	0.000	-0.030	0.030	0.013	16.7
Aroclor-1260	1	0.000	-0.030	0.030	0.0072	
	2	0.000	-0.030	0.030	0.0055	26.8

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-6 (0-6)

Lab Sample ID: 21C1112-06 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.064	
	2	0.000	-0.030	0.030	0.090	33.8

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-7 (0-6)

Lab Sample ID: 21C1112-07 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.067	
	2	0.000	-0.030	0.030	0.059	12.7

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-8 (0-6)

Lab Sample ID: 21C1112-08 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.053	
	2	0.000	-0.030	0.030	0.057	7.3
Aroclor-1260	1	0.000	-0.030	0.030	0.033	
	2	0.000	-0.030	0.030	0.024	31.6

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-9 (0-6)

Lab Sample ID: 21C1112-09 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.072	
	2	0.000	-0.030	0.030	0.067	7.2
Aroclor-1260	1	0.000	-0.030	0.030	0.028	
	2	0.000	-0.030	0.030	0.030	6.9

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-10 (0-6)

Lab Sample ID: 21C1112-10 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.048	
	2	0.000	-0.030	0.030	0.072	40.0

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SED-11 (0-6)

Lab Sample ID: 21C1112-11 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.044	
	2	0.000	-0.030	0.030	0.054	20.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B278709-BS1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.17	12.5
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.17	6.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B279620-BS1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.17	12.5
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.17	6.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B279620-MS1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.25	
	2	0.000	-0.030	0.030	0.30	14.3
Aroclor-1260	1	0.000	-0.030	0.030	0.25	
	2	0.000	-0.030	0.030	0.29	14.8

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B279620-MSD1 Date(s) Analyzed: 03/26/2021 03/26/2021

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.27	
	2	0.000	-0.030	0.030	0.31	13.8



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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery.Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
P-07	Significant chromatographic interference was observed on only one of the two columns. Per EPA guidance, the lower value was reported due to obvious chromatographic interference on the column with the higher result.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
Z-01	Results obtained were outside of the curve and could not be obtained within the curve due to method's physical limitations. Results are estimated.
Z-01a	Sample results were outside of the curve and could not be run within the curve due to method limitations. Results are estimated.

con-test®
A Pace Analytical® Laboratory

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW 846 9060A in Soil	
Total Organic Carbon	NY,CT,ME,VA,NH
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1262	NY,NC,VA,PA
Aroclor-1262 [2C]	NY,NC,VA,PA
Aroclor-1268	NY,NC,VA,PA
Aroclor-1268 [2C]	NY,NC,VA,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

21C1112

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 2

Customer Name: Weston & Sampson
Address: Rocky Hill CT
Phone: 800 SAMPSON
Project Name: Eversource - Durham ER
Project Location: Durham, CT
Project Number:
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient: Jeff Willson
Sampled By: Chris Berthiaume

Requested Turnaround Time: 7-Day X, 10-Day, PFAS 10-Day (std), Due Date:
Rush Approval Required: 1-Day, 2-Day, 3-Day, 4-Day
Dissolved Metals Samples: Field Filtered, Lab to Filter
Dissolved Metals Samples: Field Filtered, Lab to Filter
Data Delivery: Format: PDF X EXCEL X; Other: EnviroData; CLP Like Data Pkg Required:; Email To: WillsonJR@wsainc.com; Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PCBs w/ SIM	624 MS/MSD	HOLD	TOC	6010 MS/MSD
1	SED-1 (0-6)	3/15/21	1520	G	S	U		3 CB				X	X		X	X
	SED-1 (6-12)		~~1530~~ CB 1525					1						X		
2	SED-2 (0-6)		1430 CB					1				X			X	
3	SED-3 (0-6)		1230					1				X			X	
	SED-3 ~~(0 CB)~~ (6-12)		1235					1						X		
4	SED-4 (0-6)		0845					1				X			X	
	SED-4 (6-12)		0850					1						X		
5	SED-5 (0-6)	CB 3/17/21	1800					CB 3				X	X		X	X
6	SED-6 (0-6)		1400					1				X			X	
	SED-6 (6-12)		1405					1						X		

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) 3/22/21 1105 Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) 3/22/21 1635 Date/Time:
Received by: (signature) 3/23/21 1035 Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments: Eversource project Eversource rates no sales tax

Reporting Limit Requirements: MA, CT, RI, Other
Special Requirements: MA MCP Required; MCP Certification Form Required; CT RCP Required; RCP Certification Form Required; RI State UST Required; PWSID #
0.004 mg/kg

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government, Federal, City, Municipality, 21 J, Brownfield, MWRA, School, MBTA, WRTA

Other: Chromatogram, AIHA-LAP,LLC

PCB ONLY: X Soxhlet, Non Soxhlet

Comments:
Hold samples on wo#21C1113; client notified of broken samples for -01 3/23/21 mmk

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

[2] Preservation Code

Container Type

Total Number Of:
VIALS
GLASS 14
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Page 48 of 51

Table of Contents

21C1112

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 2_06262019

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

Company Name:	Weston & Sampson
Address:	Rocky Hill CT
Phone:	800 Simpson
Contact Name:	Eversource - Durham ER
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	Jeff Willson
Sampled By:	Chris Berthiaume

Standard Turnaround Time (Business Days)
7-Day [X] 10-Day [ ]
PFAS 10-Day (std) [ ] Due Date:

Rush Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Deliverables
Format: PDF [X] EXCEL [X]
Other: Enviro Data
CLP Like Data Pkg Required: [ ]
Email To: WillsonJE@wsecine.com
Fax To #:

Requested Analysis Samples
Field Filtered
Lab to Filter
Field Filtered
Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PCBs w/ SOX	HOLD
7	SED-7 (0-6)	3/17/21	1410	G	S	U		1				X	
	SED-7 (6-12)		1415					1					X
8	SED-8 (0-6)		1115					1				X	
	SED-8 (6-12)		1120					1					X
9	SED-9 (0-6)		1205					1				X	
	SED-9 (6-12)		1210					1					X
10	SED-10 (0-6)		1630					1				X	
	SED-10 (6-12)		1635					1					X
11	SED-11 (0-6)		1640					1				X	
	SED-11 (6-12)		1645					1					X

[2] Preservation Code

Container Type ONLY
Total Number Of:
VIALS
GLASS 10
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time: 3/22/21 1:05
Received by: (signature)		Date/Time: 3/22/21 1635
Relinquished by: (signature)		Date/Time: 3.4 3/22/21 1835
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:

Client Comments: Eversource project - ES rates
no sales tax

Detection Limit Requirements
PQL
RL 0.004 mg/kg
Other

Special Requirements
MA MCP Required
MCP Certification Form Required
CT RCP Required
RCP Certification Form Required
8081 Data GW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government [ ] Municipality [ ] MWRA [ ] WRTA [ ]
Federal [ ] 21 J [ ] School [ ]
City [ ] Brownfield [ ] MBTA [ ]

Other
Chromatogram [ ]
AIHA-LAP,LLC [ ]

PCB ONLY
Soxhlet [X]
Non Soxhlet [ ]

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WTS

Received By _____ Date 3/22/21 Time 1835

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.4

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? T

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? n/a MS/MSD? T

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	15
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Two containers for SED-1 (0-6) were received broken.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test, a Pace Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 21C1112

Laboratory Sample ID(s):

21C1112-01 thru 21C1112-11

Sample Date(s):

03/17/2021,
03/19/2021

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 03/30/21

Name of Laboratory: Con-Test, a Pace Analytical Laboratory

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

con-test®
A Pace Analytical® Laboratory

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

April 8, 2021

Jeff Willson
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 21C1114

Enclosed are results of analyses for samples received by the laboratory on March 22, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michelle Koch

Michelle M. Koch
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

21C1114-01 6

21C1114-02 8

21C1114-03 10

21C1114-04 12

21C1114-05 14

21C1114-06 16

21C1114-07 18

21C1114-08 20

21C1114-09 22

21C1114-10 24

21C1114-11 26

21C1114-12 28

Sample Preparation Information 30

QC Data 31

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 31

B278770 31

B279626 32

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 34

B278625 34

B278696 34

Dual Column RPD Report 35

Flag/Qualifier Summary 52

Table of Contents (continued)

Certifications 53

Chain of Custody/Sample Receipt 54

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 4/8/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1114

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SD-1N (0-6)	21C1114-01	Soil		SM 2540G	
				SW-846 8082A	
SD-1C (12-18)	21C1114-02	Soil		SM 2540G	
				SW-846 8082A	
SD-1S (0-6)	21C1114-03	Soil		SM 2540G	
				SW-846 8082A	
OF-1N (0-6)	21C1114-04	Soil		SM 2540G	
				SW-846 8082A	
OF-1C (12-18)	21C1114-05	Soil		SM 2540G	
				SW-846 8082A	
OF-1S (0-6)	21C1114-06	Soil		SM 2540G	
				SW-846 8082A	
OF-2N (0-6)	21C1114-07	Soil		SM 2540G	
				SW-846 8082A	
OF-2C (24-30)	21C1114-08	Soil		SM 2540G	
				SW-846 8082A	
OF-2S (0-6)	21C1114-09	Soil		SM 2540G	
				SW-846 8082A	
OF-3E (0-6)	21C1114-10	Soil		SM 2540G	
				SW-846 8082A	
OF-3C (30-36)	21C1114-11	Soil		SM 2540G	
				SW-846 8082A	
OF-3W (0-6)	21C1114-12	Soil		SM 2540G	
				SW-846 8082A	

con-test®
A Pace Analytical® Laboratory

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

CASE NARRATIVE SUMMARY

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

SM 2540G

Qualifications:

R-01

Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.

Analyte & Samples(s) Qualified:

% Solids
B278625-DUP4

SW-846 8082A

Qualifications:

P-02

Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

Analyte & Samples(s) Qualified:

Aroclor-1254
21C1114-01[SD-1N (0-6)], 21C1114-03[SD-1S (0-6)], 21C1114-04[OF-1N (0-6)], 21C1114-06[OF-1S (0-6)], 21C1114-09[OF-2S (0-6)], 21C1114-10[OF-3E (0-6)]

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.

Analyte & Samples(s) Qualified:

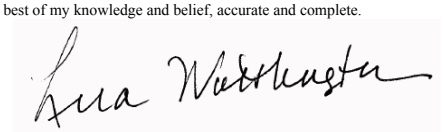
Decachlorobiphenyl
21C1114-07[OF-2N (0-6)]

Decachlorobiphenyl [2C]
21C1114-07[OF-2N (0-6)]

Tetrachloro-m-xylene
21C1114-07[OF-2N (0-6)]

Tetrachloro-m-xylene [2C]
21C1114-07[OF-2N (0-6)]

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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.



Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: SD-1N (0-6) | Sampled: 3/19/2021 16:00

Sample ID: 21C1114-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1221 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1232 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1242 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1248 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1254 [1]	0.016	0.0024	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1260 [2]	0.015	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1262 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM
Aroclor-1268 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 21:59	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
Decachlorobiphenyl [1]	95.9	30-150				4/6/21 21:59	
Decachlorobiphenyl [2]	75.9	30-150				4/6/21 21:59	
Tetrachloro-m-xylene [1]	93.6	30-150				4/6/21 21:59	
Tetrachloro-m-xylene [2]	70.7	30-150				4/6/21 21:59	

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: SD-1N (0-6) | Sampled: 3/19/2021 16:00

Sample ID: 21C1114-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: SD-1C (12-18) | Sampled: 3/19/2021 16:10

Sample ID: 21C1114-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1221 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1232 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1242 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1248 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1254 [2]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1260 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1262 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM
Aroclor-1268 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:12	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		4/6/21 22:12
Decachlorobiphenyl [2]	75.5	30-150		4/6/21 22:12
Tetrachloro-m-xylene [1]	87.2	30-150		4/6/21 22:12
Tetrachloro-m-xylene [2]	66.8	30-150		4/6/21 22:12

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: SD-1C (12-18) | Sampled: 3/19/2021 16:10

Sample ID: 21C1114-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.3		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: SD-1S (0-6) | Sampled: 3/19/2021 16:15

Sample ID: 21C1114-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1221 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1232 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1242 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1248 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1254 [1]	0.016	0.0026	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1260 [1]	0.012	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1262 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM
Aroclor-1268 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:24	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.5	30-150		4/6/21 22:24
Decachlorobiphenyl [2]	78.1	30-150		4/6/21 22:24
Tetrachloro-m-xylene [1]	93.4	30-150		4/6/21 22:24
Tetrachloro-m-xylene [2]	70.2	30-150		4/6/21 22:24

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114
Date Received: 3/22/2021
Field Sample #: SD-1S (0-6) | Sampled: 3/19/2021 16:15
Sample ID: 21C1114-03
Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.1		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1N (0-6) | Sampled: 3/19/2021 16:25

Sample ID: 21C1114-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1221 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1232 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1242 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1248 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1254 [1]	0.0052	0.0024	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1260 [1]	0.0064	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1262 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM
Aroclor-1268 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:36	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.8	30-150		4/6/21 22:36
Decachlorobiphenyl [2]	75.2	30-150		4/6/21 22:36
Tetrachloro-m-xylene [1]	89.9	30-150		4/6/21 22:36
Tetrachloro-m-xylene [2]	67.7	30-150		4/6/21 22:36

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1N (0-6) | Sampled: 3/19/2021 16:25

Sample ID: 21C1114-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.0		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1C (12-18) | Sampled: 3/19/2021 16:35

Sample ID: 21C1114-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1221 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1232 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1242 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1248 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1254 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1260 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1262 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM
Aroclor-1268 [1]	ND	0.0023	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 22:48	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
Decachlorobiphenyl [1]	98.7	30-150				4/6/21 22:48	
Decachlorobiphenyl [2]	75.7	30-150				4/6/21 22:48	
Tetrachloro-m-xylene [1]	87.3	30-150				4/6/21 22:48	
Tetrachloro-m-xylene [2]	67.2	30-150				4/6/21 22:48	

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1C (12-18) | Sampled: 3/19/2021 16:35

Sample ID: 21C1114-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1S (0-6) | Sampled: 3/19/2021 16:40

Sample ID: 21C1114-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1221 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1232 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1242 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1248 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1254 [1]	0.016	0.0029	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1260 [1]	0.015	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1262 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM
Aroclor-1268 [1]	ND	0.0029	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:01	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		4/6/21 23:01
Decachlorobiphenyl [2]	83.6	30-150		4/6/21 23:01
Tetrachloro-m-xylene [1]	102	30-150		4/6/21 23:01
Tetrachloro-m-xylene [2]	74.1	30-150		4/6/21 23:01

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-1S (0-6) | Sampled: 3/19/2021 16:40

Sample ID: 21C1114-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.1		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-2N (0-6) | Sampled: 3/19/2021 16:50

Sample ID: 21C1114-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1221 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1232 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1242 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1248 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1254 [1]	15	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1260 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1262 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG
Aroclor-1268 [1]	ND	3.4	mg/Kg dry	100		SW-846 8082A	3/25/21	3/30/21 16:10	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	3/30/21 16:10
Decachlorobiphenyl [2]	*	30-150	S-01	3/30/21 16:10
Tetrachloro-m-xylene [1]	*	30-150	S-01	3/30/21 16:10
Tetrachloro-m-xylene [2]	*	30-150	S-01	3/30/21 16:10

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114
Date Received: 3/22/2021
Field Sample #: OF-2N (0-6) | Sampled: 3/19/2021 16:50
Sample ID: 21C1114-07
Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	58.4		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-2C (24-30) | Sampled: 3/19/2021 17:00

Sample ID: 21C1114-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1254 [2]	0.17	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 16:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.6	30-150		3/30/21 16:28
Decachlorobiphenyl [2]	89.8	30-150		3/30/21 16:28
Tetrachloro-m-xylene [1]	76.8	30-150		3/30/21 16:28
Tetrachloro-m-xylene [2]	74.3	30-150		3/30/21 16:28

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-2C (24-30) | Sampled: 3/19/2021 17:00

Sample ID: 21C1114-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.5		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-2S (0-6) | Sampled: 3/19/2021 17:05

Sample ID: 21C1114-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1221 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1232 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1242 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1248 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1254 [1]	0.0077	0.0026	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1260 [1]	0.0047	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1262 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM
Aroclor-1268 [1]	ND	0.0026	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:13	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		4/6/21 23:13
Decachlorobiphenyl [2]	77.5	30-150		4/6/21 23:13
Tetrachloro-m-xylene [1]	94.0	30-150		4/6/21 23:13
Tetrachloro-m-xylene [2]	70.7	30-150		4/6/21 23:13

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-2S (0-6) | Sampled: 3/19/2021 17:05

Sample ID: 21C1114-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.2		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-3E (0-6) | Sampled: 3/19/2021 17:15

Sample ID: 21C1114-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1221 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1232 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1242 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1248 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1254 [1]	0.025	0.0040	mg/Kg dry	1	P-02	SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1260 [1]	0.013	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1262 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM
Aroclor-1268 [1]	ND	0.0040	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:25	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		4/6/21 23:25
Decachlorobiphenyl [2]	76.6	30-150		4/6/21 23:25
Tetrachloro-m-xylene [1]	95.6	30-150		4/6/21 23:25
Tetrachloro-m-xylene [2]	71.9	30-150		4/6/21 23:25

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114
Date Received: 3/22/2021
Field Sample #: OF-3E (0-6) | Sampled: 3/19/2021 17:15
Sample ID: 21C1114-10
Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	50.6		% Wt	1		SM 2540G	3/23/21	3/24/21 9:13	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-3C (30-36) | Sampled: 3/19/2021 17:25

Sample ID: 21C1114-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1254 [2]	0.22	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	4		SW-846 8082A	3/25/21	3/30/21 17:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.9	30-150		3/30/21 17:21
Decachlorobiphenyl [2]	73.9	30-150		3/30/21 17:21
Tetrachloro-m-xylene [1]	86.1	30-150		3/30/21 17:21
Tetrachloro-m-xylene [2]	83.0	30-150		3/30/21 17:21

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-3C (30-36) | Sampled: 3/19/2021 17:25

Sample ID: 21C1114-11

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	62.5		% Wt	1		SM 2540G	3/23/21	3/24/21 9:14	JS

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-3W (0-6) | Sampled: 3/19/2021 17:30

Sample ID: 21C1114-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1221 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1232 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1242 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1248 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1254 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1260 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1262 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM
Aroclor-1268 [1]	ND	0.0024	mg/Kg dry	1		SW-846 8082A	3/25/21	4/6/21 23:37	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.4	30-150		4/6/21 23:37
Decachlorobiphenyl [2]	73.6	30-150		4/6/21 23:37
Tetrachloro-m-xylene [1]	88.4	30-150		4/6/21 23:37
Tetrachloro-m-xylene [2]	68.4	30-150		4/6/21 23:37

con-test®
A Pace Analytical® Laboratory

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

Project Location: Durham, CT | Sample Description: | Work Order: 21C1114

Date Received: 3/22/2021

Field Sample #: OF-3W (0-6) | Sampled: 3/19/2021 17:30

Sample ID: 21C1114-12

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	3/23/21	3/24/21 9:14	JS
% Solids	80.6		% Wt	1		SM 2540G	3/24/21	3/26/21 9:43	JS

con-test®
A Pace Analytical® Laboratory

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

Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21C1114-01 [SD-1N (0-6)]	B278625	03/23/21
21C1114-02 [SD-1C (12-18)]	B278625	03/23/21
21C1114-03 [SD-1S (0-6)]	B278625	03/23/21
21C1114-04 [OF-1N (0-6)]	B278625	03/23/21
21C1114-05 [OF-1C (12-18)]	B278625	03/23/21
21C1114-06 [OF-1S (0-6)]	B278625	03/23/21
21C1114-07 [OF-2N (0-6)]	B278625	03/23/21
21C1114-08 [OF-2C (24-30)]	B278625	03/23/21
21C1114-09 [OF-2S (0-6)]	B278625	03/23/21
21C1114-10 [OF-3E (0-6)]	B278625	03/23/21
21C1114-11 [OF-3C (30-36)]	B278625	03/23/21
21C1114-12 [OF-3W (0-6)]	B278625	03/23/21

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21C1114-12RE1 [OF-3W (0-6)]	B278696	03/24/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1114-07 [OF-2N (0-6)]	B278770	10.0	10.0	03/25/21
21C1114-08 [OF-2C (24-30)]	B278770	10.0	10.0	03/25/21
21C1114-11 [OF-3C (30-36)]	B278770	10.0	10.0	03/25/21

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21C1114-01 [SD-1N (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-02 [SD-1C (12-18)]	B279626	10.0	1.00	03/25/21
21C1114-03 [SD-1S (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-04 [OF-1N (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-05 [OF-1C (12-18)]	B279626	10.0	1.00	03/25/21
21C1114-06 [OF-1S (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-09 [OF-2S (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-10 [OF-3E (0-6)]	B279626	10.0	1.00	03/25/21
21C1114-12 [OF-3W (0-6)]	B279626	10.0	1.00	03/25/21

con-test®
A Pace 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 B278770 - SW-846 3540C										
Blank (B278770-BLK1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.154*		mg/Kg wet	0.200		76.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.129*		mg/Kg wet	0.200		64.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		81.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.152*		mg/Kg wet	0.200		76.2	30-150			
LCS (B278770-BS1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.0	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		74.5	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		68.7	40-140			
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		64.9	40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg wet	0.200		83.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.144*		mg/Kg wet	0.200		72.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.2	30-150			
LCS Dup (B278770-BSD1)				Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.1	40-140	0.202	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7	40-140	4.26	30	
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		71.9	40-140	4.58	30	
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		65.6	40-140	1.10	30	
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.147*		mg/Kg wet	0.200		73.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg wet	0.200		77.6	30-150			

con-test®
A Pace 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 B278770 - SW-846 3540C										
Matrix Spike (B278770-MS1)	**Source: 21C1114-01**			Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.22	0.097	mg/Kg dry	0.243	ND	91.9	40-140			
Aroclor-1016 [2C]	0.20	0.097	mg/Kg dry	0.243	ND	84.0	40-140			
Aroclor-1260	0.19	0.097	mg/Kg dry	0.243	ND	79.3	40-140			
Aroclor-1260 [2C]	0.17	0.097	mg/Kg dry	0.243	ND	71.4	40-140			
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg dry	0.243		79.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg dry	0.243		74.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg dry	0.243		88.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.205*		mg/Kg dry	0.243		84.5	30-150			
Matrix Spike Dup (B278770-MSD1)	**Source: 21C1114-01**			Prepared: 03/25/21 Analyzed: 03/30/21						
Aroclor-1016	0.20	0.097	mg/Kg dry	0.243	ND	81.2	40-140	12.3	50	
Aroclor-1016 [2C]	0.19	0.097	mg/Kg dry	0.243	ND	76.5	40-140	9.42	50	
Aroclor-1260	0.17	0.097	mg/Kg dry	0.243	ND	70.8	40-140	11.3	50	
Aroclor-1260 [2C]	0.16	0.097	mg/Kg dry	0.243	ND	65.4	40-140	8.84	50	
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg dry	0.243		69.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.161*		mg/Kg dry	0.243		66.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg dry	0.243		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.188*		mg/Kg dry	0.243		77.4	30-150			
Batch B279626 - SW-846 3540C										
Blank (B279626-BLK1)				Prepared: 03/25/21 Analyzed: 04/06/21						
Aroclor-1016	ND	0.0020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1221	ND	0.0020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1232	ND	0.0020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1242	ND	0.0020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1248	ND	0.0020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1254	ND	0.0020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1260	ND	0.0020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1262	ND	0.0020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.0020	mg/Kg wet							
Aroclor-1268	ND	0.0020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.0020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.151*		mg/Kg wet	0.200		75.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.133*		mg/Kg wet	0.200		66.7	30-150			

con-test®
A Pace 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 B279626 - SW-846 3540C											
LCS (B279626-BS1)				Prepared: 03/25/21 Analyzed: 03/30/21							
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.0		40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		74.5		40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		68.7		40-140			
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		64.9		40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg wet	0.200		83.8		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.144*		mg/Kg wet	0.200		72.2		30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.5		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.2		30-150			
LCS Dup (B279626-BSD1)				Prepared: 03/25/21 Analyzed: 03/30/21							
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.1		40-140	0.202	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		77.7		40-140	4.26	30	
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		71.9		40-140	4.58	30	
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		65.6		40-140	1.10	30	
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.147*		mg/Kg wet	0.200		73.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg wet	0.200		77.6		30-150			
Matrix Spike (B279626-MS1)	**Source: 21C1114-01**			Prepared: 03/25/21 Analyzed: 03/30/21							
Aroclor-1016	0.056	0.024	mg/Kg dry	0.243	ND	**23.0**	*	40-140			
Aroclor-1016 [2C]	0.051	0.024	mg/Kg dry	0.243	ND	**21.0**	*	40-140			
Aroclor-1254	ND	0.024	mg/Kg dry		0.016			40-140			
Aroclor-1254 [2C]	ND	0.024	mg/Kg dry		0.028			40-140			
Aroclor-1260	0.048	0.024	mg/Kg dry	0.243	0.014	**14.0**	*	40-140			
Aroclor-1260 [2C]	0.043	0.024	mg/Kg dry	0.243	0.015	**11.9**	*	40-140			
Surrogate: Decachlorobiphenyl	*0.0484*		mg/Kg dry	0.243		**20.0**	*	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.0449*		mg/Kg dry	0.243		**18.5**	*	30-150			
Surrogate: Tetrachloro-m-xylene	*0.0535*		mg/Kg dry	0.243		**22.1**	*	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0512*		mg/Kg dry	0.243		**21.1**	*	30-150			
Matrix Spike Dup (B279626-MSD1)	**Source: 21C1114-01**			Prepared: 03/25/21 Analyzed: 03/30/21							
Aroclor-1016	0.049	0.024	mg/Kg dry	0.243	ND	**20.3**	*	40-140	12.3	50	
Aroclor-1016 [2C]	0.046	0.024	mg/Kg dry	0.243	ND	**19.1**	*	40-140	9.42	50	
Aroclor-1254	ND	0.024	mg/Kg dry		0.016			40-140	NC	50	
Aroclor-1254 [2C]	ND	0.024	mg/Kg dry		0.028			40-140	NC	50	
Aroclor-1260	0.043	0.024	mg/Kg dry	0.243	0.014	**11.9**	*	40-140	11.3	50	
Aroclor-1260 [2C]	0.040	0.024	mg/Kg dry	0.243	0.015	**10.3**	*	40-140	8.84	50	
Surrogate: Decachlorobiphenyl	*0.0420*		mg/Kg dry	0.243		**17.3**	*	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.0402*		mg/Kg dry	0.243		**16.6**	*	30-150			
Surrogate: Tetrachloro-m-xylene	*0.0495*		mg/Kg dry	0.243		**20.4**	*	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0469*		mg/Kg dry	0.243		**19.3**	*	30-150			

con-test®
A Pace Analytical® Laboratory

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

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 B278625 - % Solids											
Duplicate (B278625-DUP1)	**Source: 21C1114-09**			Prepared: 03/23/21	Analyzed: 03/24/21						
% Solids	74.6		% Wt		76.2			2.07		10	
Duplicate (B278625-DUP2)	**Source: 21C1114-10**			Prepared: 03/23/21	Analyzed: 03/24/21						
% Solids	55.4		% Wt		50.6			9.07		10	
Duplicate (B278625-DUP3)	**Source: 21C1114-11**			Prepared: 03/23/21	Analyzed: 03/24/21						
% Solids	58.8		% Wt		62.5			6.07		10	
Duplicate (B278625-DUP4)	**Source: 21C1114-12**			Prepared: 03/23/21	Analyzed: 03/24/21						
% Solids	72.8		% Wt		84.9			**15.4**	*	10	R-01
Batch B278696 - % Solids											
Duplicate (B278696-DUP1)	**Source: 21C1114-12RE1**			Prepared: 03/24/21	Analyzed: 03/26/21						
% Solids	82.1		% Wt		80.6			1.79		10	

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SD-1N (0-6)

Lab Sample ID: 21C1114-01 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.016	
	2	0.000	-0.030	0.030	0.028	54.5
Aroclor-1260	1	0.000	-0.030	0.030	0.014	
	2	0.000	-0.030	0.030	0.015	6.9

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

SD-1S (0-6)

Lab Sample ID: 21C1114-03 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.016	
	2	0.000	-0.030	0.030	0.038	81.5
Aroclor-1260	1	0.000	-0.030	0.030	0.012	
	2	0.000	-0.030	0.030	0.011	8.7

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-1N (0-6)

Lab Sample ID: 21C1114-04 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.0052	
	2	0.000	-0.030	0.030	0.010	63.2
Aroclor-1260	1	0.000	-0.030	0.030	0.0064	
	2	0.000	-0.030	0.030	0.0055	15.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-1S (0-6)

Lab Sample ID: 21C1114-06 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.016	
	2	0.000	-0.030	0.030	0.038	81.5
Aroclor-1260	1	0.000	-0.030	0.030	0.015	
	2	0.000	-0.030	0.030	0.013	14.3

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-2N (0-6)

Lab Sample ID: 21C1114-07 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	15	
	2	0.000	-0.030	0.030	14	6.9

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-2C (24-30)

Lab Sample ID: 21C1114-08 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.17	12.5

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-2S (0-6)

Lab Sample ID: 21C1114-09 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.0077	
	2	0.000	-0.030	0.030	0.021	92.7
Aroclor-1260	1	0.000	-0.030	0.030	0.0047	
	2	0.000	-0.030	0.030	0.0042	11.2

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-3E (0-6)

Lab Sample ID: 21C1114-10 Date(s) Analyzed: 04/06/2021 04/06/2021

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.025	
	2	0.000	-0.030	0.030	0.061	83.7
Aroclor-1260	1	0.000	-0.030	0.030	0.013	
	2	0.000	-0.030	0.030	0.011	16.7

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

OF-3C (30-36)

Lab Sample ID: 21C1114-11 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.22	9.5

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B278770-BS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.15	6.5
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B278770-BSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.16	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B278770-MS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.22	
	2	0.000	-0.030	0.030	0.20	9.5
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.17	11.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B278770-MSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.19	5.1
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.16	6.1

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B279626-BS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.15	6.5
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B279626-BSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.16	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.14	
	2	0.000	-0.030	0.030	0.13	7.4

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B279626-MS1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.056	
	2	0.000	-0.030	0.030	0.051	9.4
Aroclor-1260	1	0.000	-0.030	0.030	0.048	
	2	0.000	-0.030	0.030	0.043	11.0

con-test®
A Pace Analytical® Laboratory

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B279626-MSD1 Date(s) Analyzed: 03/30/2021 03/30/2021

Instrument ID (1): ECD4 Instrument ID (2): ECD4

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.049	
	2	0.000	-0.030	0.030	0.046	6.3
Aroclor-1260	1	0.000	-0.030	0.030	0.043	
	2	0.000	-0.030	0.030	0.040	7.2

con-test®
A Pace Analytical® Laboratory

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

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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
P-02	Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.
R-01	Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.
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.

con-test®
A Pace Analytical® Laboratory

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221	CT,NH,NY,ME,NC,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232	CT,NH,NY,ME,NC,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242	CT,NH,NY,ME,NC,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248	CT,NH,NY,ME,NC,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254	CT,NH,NY,ME,NC,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260	CT,NH,NY,ME,NC,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,PA
Aroclor-1262	NY,NC,VA,PA
Aroclor-1262 [2C]	NY,NC,VA,PA
Aroclor-1268	NY,NC,VA,PA
Aroclor-1268 [2C]	NY,NC,VA,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

21C 1114

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 2

Company Name: Weston & Sampson
Address: Rocky Hill, CT
Phone: 800 Sampson
Project Name: Eversource - Durham EB
Project Location: Durham, CT
Project Number:
Project Manager: Jeff Willson
Con-Test Quote Name/Number:
Invoice Recipient: Jeff Willson
Sampled By: Chris Berthiaume

Requested Turnaround Time: 7-Day [X] 10-Day [ ] PFAS 10-Day (std) [ ] Due Date:
Rush-Approval Required: 1-Day [ ] 3-Day [ ] 2-Day [ ] 4-Day [ ]
Data Delivery: Format: PDF [X] EXCEL [X] Other: EnviroData CLP Like Data Pkg Required: [ ] Email To: willsonJ@wseinc.com Fax To #:
Discovery/Potable Samples: [ ] Field Filtered [ ] Lab to Filter
Groundwater/Leachate Samples: [ ] Field Filtered [ ] Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PCBs w/ soxk	HOLD
	1	SD-1N (0-6)	3/19/21	1600	G	S	U		2				X	
		SD-1N (12-18)		1605					2					X
	2	SD-1C (12-18)		1610					1				X	
	3	SD-1S (0-6)		1615					2				X	
		SD-1S (12-18)		1620					2					X
	4	OF-1N (0-6)		1625					2				X	
		OF-1N (12-18)		1630					2					X
	5	OF-1C ~~(0-6)~~ (12-18)		1635					1				X	
	6	OF-1S (0-6)		1640					2				X	
		OF-1S (12-18)		1645					2					X

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time: 3/22/21 1105
Relinquished by: (signature) Date/Time: 3/22/21 1635
Received by: (signature) Date/Time: 3/23/21 [illegible]
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments: Eversource project - ES rates
no sales tax

Detection Limit Requirements: MA; CT 0.004 mg/kg; Other:

Special Requirements: MA MCP Required; MCP Certification Form Required; CT RCP Required; RCP Certified Laboratory Required; Sub-Slab DW Required; PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government [ ] Federal [ ] City [ ] Municipality [ ] 21 J [ ] Brownfield [ ] MWRA [ ] School [ ] MBTA [ ] WRTA [ ]

Other: [ ] Chromatogram [ ] AIHA-LAP,LLC

Comments: Samples on hold on wo#21C1115 3/23/21 mmk

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Cor Test values your partnership on each project and will try to assist with missing information, but will not l held accountable.

Courier Use Only
Total Number Of:
VIALS
GLASS 18
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[2] Preservation Code

PCB ONLY: [X] Soxhlet [ ] Non Soxhlet

Table of Contents

21C1114

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 2_06262019

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

Company Name:	Weston & Sampson
Address:	Rocky Hill, CT
Phone:	800-SAMPSON
Project Name:	Eversource - Durham ER
Project Location:	Durham, CT
Project Number:	
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	
Invoice Recipient:	Jeff Willson
Sampled By:	Chris Berthiaume

Requested Turnaround Time
7-Day [X] 10-Day [ ]
PFAS 10-Day (std) [ ] Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: Enviro Data
CLP Like Data Pkg Required: [ ]
Email To: Willson JC wsginc.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	I	PCBs w/ Soxh	I HOLD	[2] Preservation Code
-7	OF-2N (0-6)	3/19/21	1650	G	S	U		CB 1					X		
	OF-2N (12-18)		1655					CB 1						X	
8	OF-2C (24-30)		1700					1					X		
9	OF-2S (0-6)		1705					2					X		
	OF-2S (12-18)		1710					2						X	
10	OF-3E (0-6)		1715					CB 1					X		
	OF-3E (12-18)		1720					CB 1						X	
11	OF-3C (30-36)		1725					1					X		
12	OF-3W (0-6)		1730					CB 1					X		
	OF-3W (12-18)		1735					CB 1						X	

Container Use Only
Total Number Of:
VIALS
GLASS 12
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 3/22/21 1105
Relinquished by: (signature)	Date/Time: 3/22/21 1635
Received by: (signature)	Date/Time: 3/20/21 1855
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Eversource project - ES rates
no sales tax

Detection Limit Requirements
MA
RL ~~PQL~~ CB 0.004 mg/kg
Other:

Special Requirements
[ ] MA MCP Required
[ ] RCP Certification Form Required
[X] CT RCP Required
[ ] RCP Certification Form Required
[ ] MA Eliminate Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government [ ] Municipality [ ] MWRA [ ] WRTA [ ]
Federal [ ] 21 J [ ] School [ ]
City [ ] Brownfield [ ] MBTA [ ]

Other
[ ] Chromatogram
[ ] *AIHA-LAP,LLC*

PCB ONLY
[X] Soxhlet
[ ] Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Cor Test values your partnership on each project and will try to assist with missing information, but will not l held accountable.

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WTS

Received By [redacted] Date 3/22/21 Time 1835

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.4
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? n/a MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	2
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	2/8
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test, a Pace Analytical Laboratory

Client: Weston & Sampson

Project Location: Durham, CT

Project Number: 21C1114

Laboratory Sample ID(s):

21C1114-01 thru 21C1114-12

Sample Date(s):

03/19/2021

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.

Lisa A. Worthington

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: Lisa Worthington **Position:** **Technical Representative**

Printed Name: **Lisa A. Worthington** **Date:** **04/08/21**

Name of Laboratory: **Con-Test, a Pace Analytical Laboratory**

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

con-test®
A Pace Analytical® Laboratory

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

April 9, 2021

Jeff Willson
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Durham, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 21C1116

Enclosed are results of analyses for samples received by the laboratory on March 22, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Michelle M. Koch
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 6
Sample Results 7
21C1116-01 7
21C1116-02 9
21C1116-04 11
21C1116-05 13
21C1116-06 15
21C1116-07 17
21C1116-08 19
21C1116-09 21
21C1116-10 23
21C1116-11 25
21C1116-12 27
21C1116-13 29
21C1116-14 31
21C1116-15 33
21C1116-16 35
21C1116-17 37
21C1116-18 39
21C1116-19 41
21C1116-20 43
Sample Preparation Information 45
QC Data 47
Polychlorinated Biphenyls with 3540 Soxhlet Extraction 47

Table of Contents (continued)

B278710 47
B278938 48
B279616 49
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) 51
B278837 51
B278949 51
Dual Column RPD Report 52
Flag/Qualifier Summary 81
Certifications 82
Chain of Custody/Sample Receipt 83

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 4/9/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1116

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Reoccupy T4E (6-12)	21C1116-01	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-1E (0-6)	21C1116-02	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-1W (0-6)	21C1116-04	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-2E (0-6)	21C1116-05	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-2C (0-6)	21C1116-06	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-2W (0-6)	21C1116-07	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T4-2W (6-12)	21C1116-08	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-1E (0-6)	21C1116-09	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-1C (0-6)	21C1116-10	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-1W (0-6)	21C1116-11	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-2E (0-6)	21C1116-12	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-2C (0-6)	21C1116-13	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T5-2W (0-6)	21C1116-14	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	

con-test®
A Pace Analytical® Laboratory

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

Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 4/9/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1116

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

PROJECT LOCATION: Durham, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
T6-1E (0-6)	21C1116-15	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T6-1C (0-6)	21C1116-16	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T6-1W (0-6)	21C1116-17	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T7-1E (0-6)	21C1116-18	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T7-1C (0-6)	21C1116-19	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	
T7-1W (0-6)	21C1116-20	Soil		SM 2540G	
				SW 846 9060A	
				SW-846 8082A	