ENVIRONMENTAL, LLC

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Environmental,
LLC

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P.O Box 423
Stratford, CT
06615

October 6, 2015

Mr. Sal Morabito
Fairfield Public Schools
501 Kings Highway East
Fairfield, CT 06824

RE: PCB Interim Clearance Report at Osborne Hill Elementary School in Fairfield, CT Phase 2 Windows Remediation Summer 2015

Dear Mr. Morabito:

INTRODUCTION

AMC Environmental, LLC was retained by Fairfield Public Schools to conduct project monitoring at Osborn Hill School in Fairfield, Connecticut during Phase 2 of the PCB Remediation performed by Environmental Consulting and Contracting (ENCO). ENCO is a licensed abatement firm that is trained to handle Hazardous materials. ENCO was contracted to remove Federally Regulated PCB containing window caulking/glazing and adjacent porous masonry materials as well as the State of CT regulated PCB containing window caulking/glazing within Osborn Hill School. These materials were previously identified by AMC Environmental. AMC provided continuous monitoring to ensure the work areas were properly isolated from non-work areas and that no breeches in the containments occurred during abatement. Additionally, AMC obtained continuous particulate air monitoring data around the work areas both prior to and during abatement.

BACKGROUND

The removal of PCB containing materials were separated into 2 sections: window removal and soil removal. The window removal and soil removal commenced on June 26, 2015 and continued through until July 13, 2015.

REMEDIATION AND CONTROLS

In the areas that required containment, all easily moveable items were removed from the work areas prior to the beginning of the abatement and negative pressure air scrubbers were installed inside each work area. All other work areas were segregated from non-work areas by the means of critical barriers consisting of poly sheeting. The work areas for the windows in the Gymnasium hallway were segregated from the non- work areas by a containment consisting of multi-layers of poly sheeting.

Following the removal of the windows, and contaminated adjacent masonry materials (Gymnasium Hallway only), ENCO proceeded to final cleaning all surfaces within each of the work areas. Upon successful cleaning of the work area, AMC Environmental performed a post abatement visual inspection within each work area. This included the window openings,

exposed surfaces, polyethylene sheeting associated with the containment, tools and equipment. After, passing the visual inspection process, AMC Environmental collected air, chip and dust wipe samples from within representative work areas for clearance requirements. The results of the sampling are explained below. Please note, that the CT regulated PCBs did not require reoccupancy sampling. However, representative sampling was performed in random locations.

SAMPLING AND RESULTS

Air Samples

Air samples were obtained from within the representative containment upon completion of abatement work and cleaning. The windows and surround PCB contaminated substrates (CMU block, CMU mortar, brick and brick mortar) were removed from the West and East window in the hallway directly adjacent to the interior Gym entrance. The following are the results of the air samples obtained following the remediation activities in the above mentioned area (See Table 1 for PCB Air sample results). The results did not document airborne PCBs; therefore the results are considered acceptable for reoccupancy.

All air samples were analyzed using EPA Method TO-10A for PCB Homolog Analysis and were submitted to Con-Test Analytical Laboratories in East Longmeadow, MA.

Table 1 – PCB Air Samples

Date	Sample ID	Location	Results ng/m^3
Window Removal			
06/23/15	15F1351-01	Hallway North Containment	0.0
06/23/15	15F1351-02	Hallway South Containment	0.0

The EPA recommended limit for air samples is 100 ng/m^3

Chip Samples

Following remediation, chip samples were obtained to verify that all building materials (brick/mortar) that were in contact with PCB containing materials were removed. The chip samples were obtained from brick and mortar in the representative areas where window and surrounding substrate were removed. (See Table 2 for PCB chip sample results).

Chip samples were analyzed using EPA Method 8082 with extraction performed by EPA Method 3540C and were submitted to Con-Test Analytical Laboratories in East Longmeadow, MA.

Table 2 – PCB Chip Samples

Date	Sample ID	Substrate	Location	Results PPM
Window Removal				
06/26/15	15F1349-01	Brick	Room 106	ND
06/26/15	15F1349-02	Mortar	Room 106	ND
06/26/15	15F1349-03	Brick	Room 105	ND

Table 2 – PCB Chip Samples (Cont'd)

Date	Sample ID	Substrate	Location	Results PPM
Window Removal				
06/26/15	15F1349-04	Mortar	Room 105	ND
06/26/15	15F1349-05	Brick	Hallway near gym N. Window	ND
06/26/15	15F1349-06	Mortar	Hallway near gym N. Window	ND
06/26/15	15F1349-07	Brick	Hallway near gym S. Window	ND
06/26/15	15F1349-08	Mortar	Hallway near gym S. Window	ND
06/26/15	15F1353-01	Brick	Media Center	ND
06/26/15	15F1353-02	Mortar	Media Center	ND
06/26/15	15F1353-03	Brick	Media Center	ND
06/26/15	15F1353-04	Mortar	Media Center	ND
06/26/15	15F1353-05	Brick	Media Center	ND
06/26/15	15F1353-06	Mortar	Media Center	ND
06/26/15	15F1353-07	Brick	Special Ed Room	ND
06/26/15	15F1353-08	Mortar	Special Ed Room	ND
06/26/15	15F1353-09	Brick	Special Ed Room	ND
06/26/15	15F1353-10	Mortar	Special Ed Room	ND
06/26/15	15F1353-11	Brick	Special Ed Room	ND
06/26/15	15F1353-12	Mortar	Special Ed Room	ND
06/26/15	15F1353-13	Brick	Room 108	ND
06/26/15	15F1353-14	Mortar	Room 108	ND
06/26/15	15F1353-15	Brick	Room 107	ND
06/26/15	15F1353-16	Mortar	Room 107	ND
(12 samples in total, obtained between Room 106, 105, 143N, 143S, 148, 146, 108 and 107 window (Brick) documented ND)				
(12 samples in total, obtained between Room 106, 105, 143N, 143S, 148, 146, 108 and 107 window (Mortar) documented ND)				

1 PPM is the recommended limit for surfaces within dermal contact set forth by the EPA and the CT DEEP

Soil Samples

PCB soil samples were obtained from outside of rooms 116, 117, 118, 119, 120, 121, 122, 123, and 124. The final set of soil samples document acceptable levels of PCBS within the remaining soil. Please note that the initial post remediation soil sample results from outside rooms 119, 120 and 121 were unacceptable. Additional soil was remediated from these areas and follow samples were obtained. The results of the follow samples were documented to be acceptable.

Table 3 – PCB Soil Samples

Date	Sample ID	Substrate	Location	Results PPM
Window Removal				
06/26/15	15F1347-01	Soil	Outside Room 116	0.94
06/26/15	15F1347-02	Soil	Outside Room 116	0.81
06/26/15	15F1347-03	Soil	Outside Room 116	0.80
06/26/15	15F1347-04	Soil	Outside Room 117	1.0
06/26/15	15F1347-05	Soil	Outside Room 117	0.59
06/26/15	15F1347-06	Soil	Outside Room 117	0.48
06/26/15	15F1347-07	Soil	Outside Room 118	0.44
06/26/15	15F1347-08	Soil	Outside Room 118	0.56
06/26/15	15F1347-09	Soil	Outside Room 118	0.80
06/26/15	15F1347-10	Soil	Outside Room 119	0.50
06/26/15	15F1347-11	Soil	Outside Room 119	4.1
06/26/15	15F1347-12	Soil	Outside Room 119	3.8
06/26/15	15F1347-13	Soil	Outside Room 120	3.93
06/26/15	15F1347-14	Soil	Outside Room 120	3.36
06/26/15	15F1347-15	Soil	Outside Room 120	1.86
06/26/15	15F1347-16	Soil	Outside Room 121	1.1
06/26/15	15F1347-17	Soil	Outside Room 121	1.5
06/26/15	15F1347-18	Soil	Outside Room 121	1.2
06/26/15	15F1354-01	Soil	Outside Room 122	0.20
06/26/15	15F1354-02	Soil	Outside Room 122	0.20
06/26/15	15F1354-03	Soil	Outside Room 122	0.18
06/26/15	15F1354-04	Soil	Outside Room 122	0.23
06/26/15	15F1354-05	Soil	Outside Room 122	0.20
06/26/15	15F1354-06	Soil	Outside Room 122	0.27
06/26/15	15F1354-07	Soil	Outside Room 122	0.17
06/26/15	15F1354-08	Soil	Outside Room 123	ND
06/26/15	15F1354-09	Soil	Outside Room 123	ND
06/26/15	15F1354-10	Soil	Outside Room 123	ND
06/26/15	15F1354-11	Soil	Outside Room 123	ND
06/26/15	15F1354-12	Soil	Outside Room 123	ND
06/26/15	15F1354-13	Soil	Outside Room 123	ND
06/26/15	15F1354-14	Soil	Outside Room 123	ND
06/26/15	15F1354-15	Soil	Outside Room 124	0.21
06/26/15	15F1354-16	Soil	Outside Room 124	0.21
06/26/15	15F1354-17	Soil	Outside Room 124	0.33
06/26/15	15F1354-18	Soil	Outside Room 124	0.19
06/26/15	15F1354-19	Soil	Outside Room 124	0.25
06/26/15	15F1354-20	Soil	Outside Room 124	0.26
06/26/15	15F1354-21	Soil	Outside Room 124	0.24
07/13/15	15G0552-01	Soil	Outside Room 119	0.40
07/13/15	15G0552-02	Soil	Outside Room 119	0.27
07/13/15	15G0552-03	Soil	Outside Room 119	0.72
07/13/15	15G0552-04	Soil	Outside Room 119	0.36
07/13/15	15G0552-05	Soil	Outside Room 120	ND

Table 3 – PCB Soil Samples (Cont'd)

Date	Sample ID	Substrate	Location	Results PPM
Window Removal				
07/13/15	15G0552-07	Soil	Outside Room 120	ND
07/13/15	15G0552-08	Soil	Outside Room 121	ND
07/13/15	15G0552-09	Soil	Outside Room 121	0.33
07/13/15	15G0552-10	Soil	Outside Room 121	0.16
07/13/15	15G0552-11	Soil	Outside Room 121	ND

1 µg/100 cm^2 is the recommended limit for surfaces within dermal contact set forth by the EPA and the CT DEEP

CONCLUSION

Base on the analytical results the samples obtained during the final clearance sampling document acceptable results following the window and substrate removal. The samples (air, chip and dust wipes) document acceptable levels of PCB concentrations within the school and therefore are in compliance with the EPA approved remediation plans.

Based on sample results, all portions of Phase 2 removal were remediated and documented to have acceptable air, chip and dust PCB levels.

Very truly yours,

Jason Pringle
Principal

Laboratory Results PCB Air Samples

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

July 7, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: -
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15F1351

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

Table of Contents

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

AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/7/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1351

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

PROJECT LOCATION: -

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
A0623-01	15F1351-01	Air		TO-10A/EPA 680 Modified	
A0623-02	15F1351-02	Air		TO-10A/EPA 680 Modified	

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CASE NARRATIVE SUMMARY

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

TO-10A/EPA 680 Modified

Qualifications:

S-20

Surrogate recovery is outside of control limits. Sample media does not allow for re-extraction.

Analyte & Samples(s) Qualified:

Tetrachloro-m-xylene
15F1351-02[A0623-02]

V-05

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

Analyte & Samples(s) Qualified:

Dichlorobiphenyls
15F1351-01[A0623-01], 15F1351-02[A0623-02], B125156-BLK1, B125156-BS1, B125156-BSD1

Monochlorobiphenyls
15F1351-01[A0623-01], 15F1351-02[A0623-02], B125156-BLK1, B125156-BS1, B125156-BSD1

V-06

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

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
B125156-BS1, B125156-BSD1

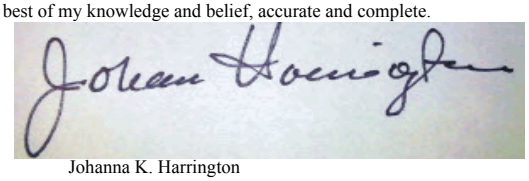
V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
15F1351-01[A0623-01], 15F1351-02[A0623-02], B125156-BLK1

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.



Johanna K. Harrington
Manager, Laboratory Reporting

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

ANALYTICAL RESULTS

Project Location: -
Date Received: 6/26/2015
Field Sample #: A0623-01
Sample ID: 15F1351-01
Sample Matrix: Air
Sampled: 6/23/2015 09:00

Sample Description/Location:
Sub Description/Location:
Flow Controller ID:
Sample Type:

Work Order: 15F1351

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-05	1	7/6/15 15:49	CJM
Dichlorobiphenyls	ND	0.0010	V-05	1	7/6/15 15:49	CJM
Trichlorobiphenyls	ND	0.0010		1	7/6/15 15:49	CJM
Tetrachlorobiphenyls	ND	0.0020		1	7/6/15 15:49	CJM
Pentachlorobiphenyls	ND	0.0020		1	7/6/15 15:49	CJM
Hexachlorobiphenyls	ND	0.0020		1	7/6/15 15:49	CJM
Heptachlorobiphenyls	ND	0.0030		1	7/6/15 15:49	CJM
Octachlorobiphenyls	ND	0.0030		1	7/6/15 15:49	CJM
Nonachlorobiphenyls	ND	0.0050		1	7/6/15 15:49	CJM
Decachlorobiphenyl	ND	0.0050	V-20	1	7/6/15 15:49	CJM
Total Polychlorinated biphenyls	0.0			1	7/6/15 15:49	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	60.3	50-125	7/6/15 15:49

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ANALYTICAL RESULTS

Project Location: -
Date Received: 6/26/2015
Field Sample #: A0623-02
Sample ID: 15F1351-02
Sample Matrix: Air
Sampled: 6/23/2015 09:00

Sample Description/Location:
Sub Description/Location:
Flow Controller ID:
Sample Type:

Work Order: 15F1351

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-05	1	7/6/15 16:23	CJM
Dichlorobiphenyls	ND	0.0010	V-05	1	7/6/15 16:23	CJM
Trichlorobiphenyls	ND	0.0010		1	7/6/15 16:23	CJM
Tetrachlorobiphenyls	ND	0.0020		1	7/6/15 16:23	CJM
Pentachlorobiphenyls	ND	0.0020		1	7/6/15 16:23	CJM
Hexachlorobiphenyls	ND	0.0020		1	7/6/15 16:23	CJM
Heptachlorobiphenyls	ND	0.0030		1	7/6/15 16:23	CJM
Octachlorobiphenyls	ND	0.0030		1	7/6/15 16:23	CJM
Nonachlorobiphenyls	ND	0.0050		1	7/6/15 16:23	CJM
Decachlorobiphenyl	ND	0.0050	V-20	1	7/6/15 16:23	CJM
Total Polychlorinated biphenyls	0.0			1	7/6/15 16:23	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	48.4*	S-20	50-125	7/6/15 16:23

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Sample Extraction Data

Prep Method: SW-846 3540C-TO-10A/EPA 680 Modified

Lab Number [Field ID]	Batch	Initial [Cartridge	Final [mL]	Date
15F1351-01 [A0623-01]	B125156	1.00	1.00	06/29/15
15F1351-02 [A0623-02]	B125156	1.00	1.00	06/29/15

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QUALITY CONTROL

PCB Homologues by GC/MS with Soxhlet Extraction - Quality Control

Analyte	Total µg Results	Total µg RL	ug/m3 Results	ug/m3 RL	Spike Level Total µg	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B125156 - SW-846 3540C											
Blank (B125156-BLK1)					Prepared: 06/29/15 Analyzed: 07/06/15						
Monochlorobiphenyls	ND	0.0010									V-05
Dichlorobiphenyls	ND	0.0010									V-05
Trichlorobiphenyls	ND	0.0010									
Tetrachlorobiphenyls	ND	0.0020									
Pentachlorobiphenyls	ND	0.0020									
Hexachlorobiphenyls	ND	0.0020									
Heptachlorobiphenyls	ND	0.0030									
Octachlorobiphenyls	ND	0.0030									
Nonachlorobiphenyls	ND	0.0050									
Decachlorobiphenyl	ND	0.0050									V-20
Total Polychlorinated biphenyls	0.0										
Surrogate: Tetrachloro-m-xylene	*0.129*				*0.200*		*64.3*	*50-125*			
LCS (B125156-BS1)					Prepared: 06/29/15 Analyzed: 07/06/15						
Monochlorobiphenyls	0.089	0.0010			0.200		44.4	40-140			V-05
Dichlorobiphenyls	0.097	0.0010			0.200		48.4	40-140			V-05
Trichlorobiphenyls	0.10	0.0010			0.200		51.8	40-140			
Tetrachlorobiphenyls	0.21	0.0020			0.400		53.6	40-140			
Pentachlorobiphenyls	0.27	0.0020			0.400		66.5	40-140			
Hexachlorobiphenyls	0.27	0.0020			0.400		66.7	40-140			
Heptachlorobiphenyls	0.42	0.0030			0.600		70.5	40-140			
Octachlorobiphenyls	0.43	0.0030			0.600		71.9	40-140			
Nonachlorobiphenyls	0.82	0.0050			1.00		82.3	40-140			
Decachlorobiphenyl	0.84	0.0050			1.00		84.4	40-140			V-06
Surrogate: Tetrachloro-m-xylene	*0.103*				*0.200*		*51.4*	*50-125*			
LCS Dup (B125156-BSD1)					Prepared: 06/29/15 Analyzed: 07/06/15						
Monochlorobiphenyls	0.11	0.0010			0.200		55.0	40-140	21.3	50	V-05
Dichlorobiphenyls	0.12	0.0010			0.200		60.2	40-140	21.7	50	V-05
Trichlorobiphenyls	0.13	0.0010			0.200		65.6	40-140	23.4	50	
Tetrachlorobiphenyls	0.27	0.0020			0.400		66.9	40-140	22.2	50	
Pentachlorobiphenyls	0.34	0.0020			0.400		84.9	40-140	24.3	50	
Hexachlorobiphenyls	0.34	0.0020			0.400		85.4	40-140	24.7	50	
Heptachlorobiphenyls	0.54	0.0030			0.600		90.6	40-140	25.0	50	
Octachlorobiphenyls	0.55	0.0030			0.600		91.4	40-140	23.8	50	
Nonachlorobiphenyls	1.0	0.0050			1.00		104	40-140	23.0	50	
Decachlorobiphenyl	1.1	0.0050			1.00		106	40-140	22.7	50	V-06
Surrogate: Tetrachloro-m-xylene	*0.114*				*0.200*		*57.1*	*50-125*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
S-20	Surrogate recovery is outside of control limits. Sample media does not allow for re-extraction.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
TO-10A/EPA 680 Modified in Air	
Total Polychlorinated biphenyls	AIHA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY

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

AIR SAMPLE CHAIN OF CUSTODY RECORD

15F1351

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

DOC#284
Rev.July2010

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: ___
Sampled By: ___

Telephone: (203) 378-5020
Project # ___
Client PO # ___

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # : ___
Email: ___
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

Proposal Provided? (For Billing purposes)
☐ yes ___ proposal date

ANALYSIS REQUESTED

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	TO10A/EPA 680 Homolog				" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
	A0623-01		01	06-23 0900	06-23	360	5/											
	A0623-02		02	06-23 0900	06-23		5/											

Please fill out completely, sign, date and retain the yellow copy for your record.

Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
Received by: (signature) 21.1°C	Date/Time: 6/24/15 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: ___
Data Enhancement/RCP? ☐Y ☐N
Enhanced Data Package ☐Y ☐N
(Surchage Applies)
Required Detection Limits: <50 ng/m3 total PCBs
Other: ___

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other ___

****Media Codes:**
S=summa can
T=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other ___

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

AIHA, NELAC & WBE/DBE Certified

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www.contestlabs.com

con-test ANALYTICAL LABORATORY

AIR Only Receipt Checklist

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

CLIENT NAME: AMC Environmental RECEIVED BY: RLF DATE: 6/26/15

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

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

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

4) Are there any samples "On Hold"? Yes (No) Stored where:

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

6) Location where samples are stored: walk in

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

7) Number of cans Individually Certified or Batch Certified? none

Containers received at Con-Test

		# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)			
Tedlar Bags			
TO-17 Tubes			
Regulators			
Restrictors			
Hg/Hopcalite Tube (NIOSH 6009)			
(TO-4A/ TO-10A/TO-13) PUFs		2	low
PCB Florisil Tubes (NIOSH 5503)			
Air cassette			
PM 2.5/PM 10			
TO-11A Cartridges			
Other			

Unused Summas/PUF Media:

Unused Regulators:

1) Was all media (used & unused) checked into the WASP?

2) Were all returned summa cans, Restrictors & Regulators and PUF's documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:
122414-01
122414-15

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The coolers'/boxes' custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	NA	direct from sampling
4) Cooler Temperature is acceptable.	NA	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) Samples are received within Holding Time.	T	
10) Sample containers have legible labels.	T	
11) Containers/media are not broken or leaking and valves and caps are closed tightly.	T	
12) Sample collection date/times are provided.	T	
13) Appropriate sample/media containers are used.	T	
14) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
15) Trip blanks provided if applicable.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: **Date/Time:**

RLF 6/26/15 1705

Laboratory Results PCB Chip Samples

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

July 1, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15F1353

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

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

AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1353

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

PROJECT LOCATION: Osborn School

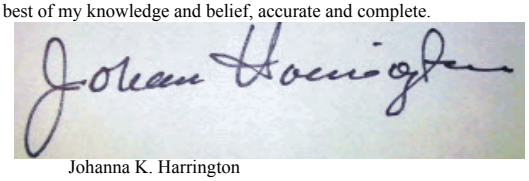
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
44-148 brick	15F1353-01	Product/Solid		SW-846 8082A	
45-148 mortar	15F1353-02	Product/Solid		SW-846 8082A	
46-148 brick	15F1353-03	Product/Solid		SW-846 8082A	
47-148 mortar	15F1353-04	Product/Solid		SW-846 8082A	
48-148 brick	15F1353-05	Product/Solid		SW-846 8082A	
49-148 mortar	15F1353-06	Product/Solid		SW-846 8082A	
50-146 brick	15F1353-07	Product/Solid		SW-846 8082A	
51-146 mortar	15F1353-08	Product/Solid		SW-846 8082A	
52-146 brick	15F1353-09	Product/Solid		SW-846 8082A	
53-146 mortar	15F1353-10	Product/Solid		SW-846 8082A	
54-146 brick	15F1353-11	Product/Solid		SW-846 8082A	
55-146 mortar	15F1353-12	Product/Solid		SW-846 8082A	
56-108 brick	15F1353-13	Product/Solid		SW-846 8082A	
57-108 mortar	15F1353-14	Product/Solid		SW-846 8082A	
58-107 brick	15F1353-15	Product/Solid		SW-846 8082A	
59-107 mortar	15F1353-16	Product/Solid		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.



Johanna K. Harrington
Manager, Laboratory Reporting

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 44-148 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-01

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 21:19	KAL
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:19	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	68.0	30-150		6/30/15 21:19
Decachlorobiphenyl [2]	79.8	30-150		6/30/15 21:19
Tetrachloro-m-xylene [1]	67.3	30-150		6/30/15 21:19
Tetrachloro-m-xylene [2]	75.3	30-150		6/30/15 21:19

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 45-148 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-02

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 21:32	KAL
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:32	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.4	30-150		6/30/15 21:32
Decachlorobiphenyl [2]	103	30-150		6/30/15 21:32
Tetrachloro-m-xylene [1]	94.3	30-150		6/30/15 21:32
Tetrachloro-m-xylene [2]	104	30-150		6/30/15 21:32

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 46-148 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-03

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 21:47	KAL
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1254 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 21:47	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.8	30-150		6/30/15 21:47
Decachlorobiphenyl [2]	110	30-150		6/30/15 21:47
Tetrachloro-m-xylene [1]	94.9	30-150		6/30/15 21:47
Tetrachloro-m-xylene [2]	104	30-150		6/30/15 21:47

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 47-148 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-04

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 22:00	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:00	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.1	30-150		6/30/15 22:00
Decachlorobiphenyl [2]	99.8	30-150		6/30/15 22:00
Tetrachloro-m-xylene [1]	94.4	30-150		6/30/15 22:00
Tetrachloro-m-xylene [2]	105	30-150		6/30/15 22:00

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 48-148 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-05

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1221 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1232 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1242 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1248 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1254 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1260 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1262 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL
Aroclor-1268 [1]	ND	0.092	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:13	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	55.9	30-150		6/30/15 22:13
Decachlorobiphenyl [2]	64.8	30-150		6/30/15 22:13
Tetrachloro-m-xylene [1]	66.0	30-150		6/30/15 22:13
Tetrachloro-m-xylene [2]	74.2	30-150		6/30/15 22:13

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 49-148 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-06

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:26	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	63.3	30-150		6/30/15 22:26
Decachlorobiphenyl [2]	73.2	30-150		6/30/15 22:26
Tetrachloro-m-xylene [1]	74.8	30-150		6/30/15 22:26
Tetrachloro-m-xylene [2]	83.4	30-150		6/30/15 22:26

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 50-146 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-07

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1221 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1232 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1242 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1248 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1254 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1260 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1262 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL
Aroclor-1268 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.0	30-150		6/30/15 22:39
Decachlorobiphenyl [2]	86.2	30-150		6/30/15 22:39
Tetrachloro-m-xylene [1]	90.1	30-150		6/30/15 22:39
Tetrachloro-m-xylene [2]	101	30-150		6/30/15 22:39

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 51-146 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-08

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 22:51	KAL
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 22:51	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.9	30-150		6/30/15 22:51
Decachlorobiphenyl [2]	113	30-150		6/30/15 22:51
Tetrachloro-m-xylene [1]	101	30-150		6/30/15 22:51
Tetrachloro-m-xylene [2]	111	30-150		6/30/15 22:51

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 52-146 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-09

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1260 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.0	30-150		6/30/15 23:04
Decachlorobiphenyl [2]	71.7	30-150		6/30/15 23:04
Tetrachloro-m-xylene [1]	76.9	30-150		6/30/15 23:04
Tetrachloro-m-xylene [2]	86.3	30-150		6/30/15 23:04

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 53-146 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-10

Sample Matrix: Product/Solid

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	6/26/15	6/30/15 23:17	KAL
Aroclor-1221 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1232 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1242 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1248 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1254 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1260 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1262 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL
Aroclor-1268 [1]	ND	0.088	mg/Kg	1		SW-846 8082A	6/26/15	6/30/15 23:17	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.8	30-150		6/30/15 23:17
Decachlorobiphenyl [2]	109	30-150		6/30/15 23:17
Tetrachloro-m-xylene [1]	95.3	30-150		6/30/15 23:17
Tetrachloro-m-xylene [2]	105	30-150		6/30/15 23:17

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 54-146 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-11

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:08	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	49.7	30-150		7/1/15 0:08
Decachlorobiphenyl [2]	57.7	30-150		7/1/15 0:08
Tetrachloro-m-xylene [1]	69.4	30-150		7/1/15 0:08
Tetrachloro-m-xylene [2]	78.6	30-150		7/1/15 0:08

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 55-146 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-12

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1221 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1232 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1242 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1248 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1254 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1260 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1262 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL
Aroclor-1268 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.7	30-150		7/1/15 0:21
Decachlorobiphenyl [2]	104	30-150		7/1/15 0:21
Tetrachloro-m-xylene [1]	99.1	30-150		7/1/15 0:21
Tetrachloro-m-xylene [2]	110	30-150		7/1/15 0:21

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 56-108 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-13

Sample Matrix: Product/Solid

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	6/26/15	7/1/15 0:34	KAL
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1254 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:34	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	83.0	30-150		7/1/15 0:34	
Decachlorobiphenyl [2]	96.3	30-150		7/1/15 0:34	
Tetrachloro-m-xylene [1]	92.8	30-150		7/1/15 0:34	
Tetrachloro-m-xylene [2]	103	30-150		7/1/15 0:34	

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 57-108 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-14

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:46	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.6	30-150		7/1/15 0:46
Decachlorobiphenyl [2]	113	30-150		7/1/15 0:46
Tetrachloro-m-xylene [1]	99.2	30-150		7/1/15 0:46
Tetrachloro-m-xylene [2]	109	30-150		7/1/15 0:46

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 58-107 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-15

Sample Matrix: Product/Solid

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	6/26/15	7/1/15 0:59	KAL
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1254 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 0:59	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	98.7	30-150		7/1/15 0:59	
Decachlorobiphenyl [2]	113	30-150		7/1/15 0:59	
Tetrachloro-m-xylene [1]	104	30-150		7/1/15 0:59	
Tetrachloro-m-xylene [2]	114	30-150		7/1/15 0:59	

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Project Location: Osborn School | Sample Description: | Work Order: 15F1353

Date Received: 6/26/2015

Field Sample #: 59-107 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1353-16

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	6/26/15	7/1/15 1:12	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.5	30-150		7/1/15 1:12
Decachlorobiphenyl [2]	109	30-150		7/1/15 1:12
Tetrachloro-m-xylene [1]	102	30-150		7/1/15 1:12
Tetrachloro-m-xylene [2]	114	30-150		7/1/15 1:12

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1353-01 [44-148 brick]	B125052	2.07	10.0	06/26/15
15F1353-02 [45-148 mortar]	B125052	2.08	10.0	06/26/15
15F1353-03 [46-148 brick]	B125052	2.12	10.0	06/26/15
15F1353-04 [47-148 mortar]	B125052	2.04	10.0	06/26/15
15F1353-05 [48-148 brick]	B125052	2.18	10.0	06/26/15
15F1353-06 [49-148 mortar]	B125052	2.00	10.0	06/26/15
15F1353-07 [50-146 brick]	B125052	1.01	10.0	06/26/15
15F1353-08 [51-146 mortar]	B125052	2.07	10.0	06/26/15
15F1353-09 [52-146 brick]	B125052	2.20	10.0	06/26/15
15F1353-10 [53-146 mortar]	B125052	2.27	10.0	06/26/15
15F1353-11 [54-146 brick]	B125052	2.01	10.0	06/26/15
15F1353-12 [55-146 mortar]	B125052	2.15	10.0	06/26/15
15F1353-13 [56-108 brick]	B125052	2.13	10.0	06/26/15
15F1353-14 [57-108 mortar]	B125052	1.64	10.0	06/26/15
15F1353-15 [58-107 brick]	B125052	2.12	10.0	06/26/15
15F1353-16 [59-107 mortar]	B125052	1.63	10.0	06/26/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125052 - SW-846 3540C										
Blank (B125052-BLK1)				Prepared: 06/26/15 Analyzed: 06/30/15						
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	*0.988*		mg/Kg	1.00		98.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.13*		mg/Kg	1.00		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.982*		mg/Kg	1.00		98.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.08*		mg/Kg	1.00		108	30-150			
LCS (B125052-BS1)				Prepared: 06/26/15 Analyzed: 06/30/15						
Aroclor-1016	0.30	0.10	mg/Kg	0.250		122	40-140			
Aroclor-1016 [2C]	0.32	0.10	mg/Kg	0.250		127	40-140			
Aroclor-1260	0.28	0.10	mg/Kg	0.250		111	40-140			
Aroclor-1260 [2C]	0.31	0.10	mg/Kg	0.250		125	40-140			
Surrogate: Decachlorobiphenyl	*0.933*		mg/Kg	1.00		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.958*		mg/Kg	1.00		95.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.05*		mg/Kg	1.00		105	30-150			
LCS Dup (B125052-BSD1)				Prepared: 06/26/15 Analyzed: 06/30/15						
Aroclor-1016	0.28	0.10	mg/Kg	0.250		112	40-140	8.11	30	
Aroclor-1016 [2C]	0.31	0.10	mg/Kg	0.250		124	40-140	2.18	30	
Aroclor-1260	0.28	0.10	mg/Kg	0.250		111	40-140	0.391	30	
Aroclor-1260 [2C]	0.31	0.10	mg/Kg	0.250		125	40-140	0.404	30	
Surrogate: Decachlorobiphenyl	*0.944*		mg/Kg	1.00		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.09*		mg/Kg	1.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.967*		mg/Kg	1.00		96.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.05*		mg/Kg	1.00		105	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125052 - SW-846 3540C										
Matrix Spike (B125052-MS1)	**Source: 15F1353-07**			Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.55	0.20	mg/Kg	0.490	ND	113	40-140			
Aroclor-1016 [2C]	0.62	0.20	mg/Kg	0.490	ND	126	40-140			
Aroclor-1260	0.55	0.20	mg/Kg	0.490	ND	112	40-140			
Aroclor-1260 [2C]	0.62	0.20	mg/Kg	0.490	ND	126	40-140			
Surrogate: Decachlorobiphenyl	*1.89*		mg/Kg	1.96		96.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.17*		mg/Kg	1.96		111	30-150			
Surrogate: Tetrachloro-m-xylene	*1.88*		mg/Kg	1.96		95.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.06*		mg/Kg	1.96		105	30-150			
Matrix Spike Dup (B125052-MSD1)	**Source: 15F1353-07**			Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.59	0.19	mg/Kg	0.476	ND	123	40-140	5.76	50	
Aroclor-1016 [2C]	0.61	0.19	mg/Kg	0.476	ND	129	40-140	0.336	50	
Aroclor-1260	0.54	0.19	mg/Kg	0.476	ND	113	40-140	1.45	50	
Aroclor-1260 [2C]	0.61	0.19	mg/Kg	0.476	ND	128	40-140	0.925	50	
Surrogate: Decachlorobiphenyl	*1.84*		mg/Kg	1.90		96.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.11*		mg/Kg	1.90		111	30-150			
Surrogate: Tetrachloro-m-xylene	*1.91*		mg/Kg	1.90		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.10*		mg/Kg	1.90		110	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125052-BS1 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.32	5
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.31	11

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125052-BSD1 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.31	10
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.31	11

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125052-MS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.62	11
Aroclor-1260	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.62	13

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125052-MSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.59	
	2	0.00	0.00	0.00	0.61	4
Aroclor-1260	1	0.00	0.00	0.00	0.54	
	2	0.00	0.00	0.00	0.61	12

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

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

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

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY

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

39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

15F1353

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Collection: Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: Soxhlet 8082A
01	44- 148 Brick										✓
02	45- 148 Mortar										✓
03	46- 148 Brick										✓
04	47- 148 Mortar										✓
05	48- 148 Brick										✓
06	49- 148 Mortar										✓
07	50- 146 Brick										✓
08	51- 146 Mortar										✓
09	52- 146 Brick										✓
10	53- 146 Mortar										✓

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Faust 6/26/15	Date/Time: 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

CHAIN OF CUSTODY RECORD

15F1353

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham
Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
11	54- 146 Brick							✓			
12	55- 146 Mortar							✓			
13	56- 108 Brick							✓			
14	57- 108 Mortar							✓			
15	58- 107 Brick							✓			
16	59- 107 Mortar							✓			
								✓			
								✓			
								✓			
								✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Faust 6/24/15	Date/Time: 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

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

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F: 413-525-6405
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con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** BLF **DATE:** 6/26/15

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

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

If not, explain:

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

If not, explain:

4) **How were the samples received:**

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 21.1 °C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	10
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	direct from sampling
4) Cooler Temperature is acceptable.	N/A	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: **Date/Time:** RLF 6/26/15 1705

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

June 30, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15F1349

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

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

AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 6/30/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1349

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
19-106 brick	15F1349-01	Product/Solid		SW-846 8082A	
20-106 mortar	15F1349-02	Product/Solid		SW-846 8082A	
21-105 brick	15F1349-03	Product/Solid		SW-846 8082A	
22-105 mortar	15F1349-04	Product/Solid		SW-846 8082A	
60-143N brick	15F1349-05	Product/Solid		SW-846 8082A	
61-143N mortar	15F1349-06	Product/Solid		SW-846 8082A	
62-143S brick	15F1349-07	Product/Solid		SW-846 8082A	
63-143S mortar	15F1349-08	Product/Solid		SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]
B125048-BS1, B125048-BSD1

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

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: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 19-106 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-01

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 19:47	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 19:47	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.3	30-150		6/29/15 19:47
Decachlorobiphenyl [2]	77.6	30-150		6/29/15 19:47
Tetrachloro-m-xylene [1]	93.0	30-150		6/29/15 19:47
Tetrachloro-m-xylene [2]	84.2	30-150		6/29/15 19:47

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 20-106 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-02

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 20:00	KAL
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:00	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.0	30-150		6/29/15 20:00
Decachlorobiphenyl [2]	83.3	30-150		6/29/15 20:00
Tetrachloro-m-xylene [1]	96.4	30-150		6/29/15 20:00
Tetrachloro-m-xylene [2]	86.4	30-150		6/29/15 20:00

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 21-105 brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-03

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 20:13	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:13	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.1	30-150		6/29/15 20:13
Decachlorobiphenyl [2]	71.6	30-150		6/29/15 20:13
Tetrachloro-m-xylene [1]	92.1	30-150		6/29/15 20:13
Tetrachloro-m-xylene [2]	83.9	30-150		6/29/15 20:13

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 22-105 mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-04

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 20:26	KAL
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:26	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.8	30-150		6/29/15 20:26
Decachlorobiphenyl [2]	82.7	30-150		6/29/15 20:26
Tetrachloro-m-xylene [1]	91.8	30-150		6/29/15 20:26
Tetrachloro-m-xylene [2]	81.2	30-150		6/29/15 20:26

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 60-143N brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-05

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1221 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1232 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1242 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1248 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1254 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1260 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1262 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL
Aroclor-1268 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.8	30-150		6/29/15 20:39
Decachlorobiphenyl [2]	81.0	30-150		6/29/15 20:39
Tetrachloro-m-xylene [1]	77.9	30-150		6/29/15 20:39
Tetrachloro-m-xylene [2]	70.0	30-150		6/29/15 20:39

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 61-143N mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-06

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 20:51	KAL
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 20:51	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		6/29/15 20:51
Decachlorobiphenyl [2]	83.9	30-150		6/29/15 20:51
Tetrachloro-m-xylene [1]	94.5	30-150		6/29/15 20:51
Tetrachloro-m-xylene [2]	83.5	30-150		6/29/15 20:51

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 62-143S brick | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-07

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 21:04	KAL
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.8	30-150		6/29/15 21:04
Decachlorobiphenyl [2]	82.9	30-150		6/29/15 21:04
Tetrachloro-m-xylene [1]	96.4	30-150		6/29/15 21:04
Tetrachloro-m-xylene [2]	85.3	30-150		6/29/15 21:04

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Project Location: Osborn School | Sample Description: | Work Order: 15F1349

Date Received: 6/26/2015

Field Sample #: 63-143S mortar | Sampled: 6/26/2015 00:00

Sample ID: 15F1349-08

Sample Matrix: Product/Solid

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	6/26/15	6/29/15 21:17	KAL
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	6/26/15	6/29/15 21:17	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.5	30-150		6/29/15 21:17
Decachlorobiphenyl [2]	78.7	30-150		6/29/15 21:17
Tetrachloro-m-xylene [1]	90.3	30-150		6/29/15 21:17
Tetrachloro-m-xylene [2]	80.0	30-150		6/29/15 21:17

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1349-01 [19-106 brick]	B125048	2.03	10.0	06/26/15
15F1349-02 [20-106 mortar]	B125048	2.06	10.0	06/26/15
15F1349-03 [21-105 brick]	B125048	2.04	10.0	06/26/15
15F1349-04 [22-105 mortar]	B125048	2.02	10.0	06/26/15
15F1349-05 [60-143N brick]	B125048	1.01	10.0	06/26/15
15F1349-06 [61-143N mortar]	B125048	2.07	10.0	06/26/15
15F1349-07 [62-143S brick]	B125048	2.08	10.0	06/26/15
15F1349-08 [63-143S mortar]	B125048	2.02	10.0	06/26/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B125048 - SW-846 3540C											
Blank (B125048-BLK1)				Prepared: 06/26/15 Analyzed: 06/29/15							
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	*1.05*		mg/Kg	1.00		105		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.888*		mg/Kg	1.00		88.9		30-150			
Surrogate: Tetrachloro-m-xylene	*1.00*		mg/Kg	1.00		100		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.894*		mg/Kg	1.00		89.4		30-150			
LCS (B125048-BS1)				Prepared: 06/26/15 Analyzed: 06/29/15							
Aroclor-1016	0.32	0.097	mg/Kg	0.242		132		40-140			
Aroclor-1016 [2C]	0.35	0.097	mg/Kg	0.242		**143**	*	40-140			L-02
Aroclor-1260	0.30	0.097	mg/Kg	0.242		123		40-140			
Aroclor-1260 [2C]	0.27	0.097	mg/Kg	0.242		110		40-140			
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	0.968		104		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.849*		mg/Kg	0.968		87.8		30-150			
Surrogate: Tetrachloro-m-xylene	*0.960*		mg/Kg	0.968		99.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.853*		mg/Kg	0.968		88.2		30-150			
LCS Dup (B125048-BSD1)				Prepared: 06/26/15 Analyzed: 06/29/15							
Aroclor-1016	0.34	0.099	mg/Kg	0.248		138		40-140	7.18	30	
Aroclor-1016 [2C]	0.35	0.099	mg/Kg	0.248		**143**	*	40-140	2.48	30	L-02
Aroclor-1260	0.29	0.099	mg/Kg	0.248		119		40-140	0.698	30	
Aroclor-1260 [2C]	0.26	0.099	mg/Kg	0.248		106		40-140	0.472	30	
Surrogate: Decachlorobiphenyl	*0.997*		mg/Kg	0.993		100		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.838*		mg/Kg	0.993		84.4		30-150			
Surrogate: Tetrachloro-m-xylene	*0.987*		mg/Kg	0.993		99.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.877*		mg/Kg	0.993		88.3		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125048 - SW-846 3540C										
Matrix Spike (B125048-MS1)	**Source: 15F1349-05**			Prepared: 06/26/15 Analyzed: 06/30/15						
Aroclor-1016	0.59	0.19	mg/Kg	0.475	ND	125	40-140			
Aroclor-1016 [2C]	0.54	0.19	mg/Kg	0.475	ND	114	40-140			
Aroclor-1260	0.55	0.19	mg/Kg	0.475	ND	116	40-140			
Aroclor-1260 [2C]	0.49	0.19	mg/Kg	0.475	ND	103	40-140			
Surrogate: Decachlorobiphenyl	*1.77*		mg/Kg	1.90		93.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.48*		mg/Kg	1.90		78.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.87*		mg/Kg	1.90		98.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.67*		mg/Kg	1.90		88.0	30-150			
Matrix Spike Dup (B125048-MSD1)	**Source: 15F1349-05**			Prepared: 06/26/15 Analyzed: 06/30/15						
Aroclor-1016	0.56	0.18	mg/Kg	0.457	ND	123	40-140	5.41	50	
Aroclor-1016 [2C]	0.50	0.18	mg/Kg	0.457	ND	109	40-140	7.95	50	
Aroclor-1260	0.51	0.18	mg/Kg	0.457	ND	112	40-140	7.45	50	
Aroclor-1260 [2C]	0.45	0.18	mg/Kg	0.457	ND	98.8	40-140	7.93	50	
Surrogate: Decachlorobiphenyl	*1.70*		mg/Kg	1.83		92.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.42*		mg/Kg	1.83		77.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.70*		mg/Kg	1.83		93.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.50*		mg/Kg	1.83		82.2	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125048-BS1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.35	9
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.27	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125048-BSD1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.34	
	2	0.00	0.00	0.00	0.35	2
Aroclor-1260	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.26	12

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125048-MS1 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.59	
	2	0.00	0.00	0.00	0.54	9
Aroclor-1260	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.49	12

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125048-MSD1 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.56	
	2	0.00	0.00	0.00	0.50	12
Aroclor-1260	1	0.00	0.00	0.00	0.51	
	2	0.00	0.00	0.00	0.45	13

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

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

CHAIN OF CUSTODY RECORD

15F1349

39 Spruce Street
East longmeadow, MA 01028

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers
	11- 119 Soil	6/26/15			X			✓	
	12- 119 Soil				X			✓	
	13- 120 Soil				X			✓	
	14- 120 Soil				X			✓	
	15- 120 Soil				X			✓	
	16- 121 Soil				X			✓	
	17- 121 Soil				X			✓	
	18- 121 Soil				X			✓	
01	19- 106 Brick				X			✓	
02	20- 106 Mortar				X			✓	

ANALYSIS REQUESTED

** Preservation
*** Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Tuttle	Date/Time: 6/26/15 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

nelac AIHA NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

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

CHAIN OF CUSTODY RECORD

15F1349

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	Soxhlet 8082A
03	21-105 Brick	6/22/15			X						✓
04	22-105 Mortar	↓			X						✓
05	60-143N Brick				X						✓
06	61-143N Mortar				X						✓
07	62-143S Brick				X						✓
08	63-143S Mortar	↓			X						✓
											✓
											✓
											✓
											✓

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Thrust 6/26/15	Date/Time: 1755
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

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

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

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39 Spruce St.
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P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** BLF **DATE:** 6/26/15

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 21.1°C

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	8
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	direct from sampling
4) Cooler Temperature is acceptable.	N/A	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: **Date/Time:** RLF 6/26/15 1705

Doc #277 Rev. 4 August 2013

Laboratory Results PCB Soil Samples

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

July 1, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15F1354

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

Table of Contents

Table of Contents (continued)

con-test® ANALYTICAL LABORATORY
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AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1354

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
23-122 soil	15F1354-01	Soil		SM 2540G	
				SW-846 8082A	
24-122 soil	15F1354-02	Soil		SM 2540G	
				SW-846 8082A	
25-122 soil	15F1354-03	Soil		SM 2540G	
				SW-846 8082A	
26-122 soil	15F1354-04	Soil		SM 2540G	
				SW-846 8082A	
27-122 soil	15F1354-05	Soil		SM 2540G	
				SW-846 8082A	
28-122 soil	15F1354-06	Soil		SM 2540G	
				SW-846 8082A	
29-122 soil	15F1354-07	Soil		SM 2540G	
				SW-846 8082A	
30-123 soil	15F1354-08	Soil		SM 2540G	
				SW-846 8082A	
31-123 soil	15F1354-09	Soil		SM 2540G	
				SW-846 8082A	
32-123 soil	15F1354-10	Soil		SM 2540G	
				SW-846 8082A	
33-123 soil	15F1354-11	Soil		SM 2540G	
				SW-846 8082A	
34-123 soil	15F1354-12	Soil		SM 2540G	
				SW-846 8082A	
35-123 soil	15F1354-13	Soil		SM 2540G	
				SW-846 8082A	
36-123 soil	15F1354-14	Soil		SM 2540G	
				SW-846 8082A	
37-124 soil	15F1354-15	Soil		SM 2540G	
				SW-846 8082A	
38-124 soil	15F1354-16	Soil		SM 2540G	
				SW-846 8082A	
39-124 soil	15F1354-17	Soil		SM 2540G	
				SW-846 8082A	
40-124 soil	15F1354-18	Soil		SM 2540G	
				SW-846 8082A	
41-124 soil	15F1354-19	Soil		SM 2540G	
				SW-846 8082A	
42-124 soil	15F1354-20	Soil		SM 2540G	
				SW-846 8082A	

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AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1354

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
43-124 soil	15F1354-21	Soil		SM 2540G SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

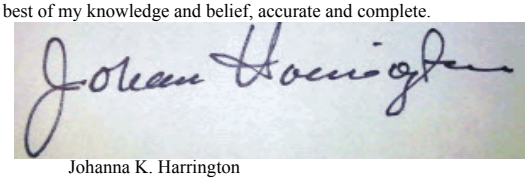
MS-22

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

Analyte & Samples(s) Qualified:

Aroclor-1260 [2C]
B125051-MS1

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



Johanna K. Harrington
Manager, Laboratory Reporting

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 23-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-01

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.7	30-150		7/1/15 1:02
Decachlorobiphenyl [2]	108	30-150		7/1/15 1:02
Tetrachloro-m-xylene [1]	99.5	30-150		7/1/15 1:02
Tetrachloro-m-xylene [2]	109	30-150		7/1/15 1:02

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 23-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-01

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	88.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 24-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-02

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	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.0	30-150		7/1/15 1:14
Decachlorobiphenyl [2]	105	30-150		7/1/15 1:14
Tetrachloro-m-xylene [1]	93.5	30-150		7/1/15 1:14
Tetrachloro-m-xylene [2]	102	30-150		7/1/15 1:14

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 24-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-02

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	87.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 25-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-03

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1254 [2]	0.18	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.7	30-150		7/1/15 1:27
Decachlorobiphenyl [2]	100	30-150		7/1/15 1:27
Tetrachloro-m-xylene [1]	94.9	30-150		7/1/15 1:27
Tetrachloro-m-xylene [2]	105	30-150		7/1/15 1:27

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 25-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-03

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	86.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 26-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-04

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1254 [2]	0.23	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.3	30-150		7/1/15 1:39
Decachlorobiphenyl [2]	107	30-150		7/1/15 1:39
Tetrachloro-m-xylene [1]	95.8	30-150		7/1/15 1:39
Tetrachloro-m-xylene [2]	104	30-150		7/1/15 1:39

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 26-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-04

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	86.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 27-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-05

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.1	30-150		7/1/15 1:51
Decachlorobiphenyl [2]	101	30-150		7/1/15 1:51
Tetrachloro-m-xylene [1]	90.7	30-150		7/1/15 1:51
Tetrachloro-m-xylene [2]	99.3	30-150		7/1/15 1:51

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 27-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-05

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	87.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 28-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-06

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1254 [2]	0.27	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.6	30-150		7/1/15 2:04
Decachlorobiphenyl [2]	108	30-150		7/1/15 2:04
Tetrachloro-m-xylene [1]	97.6	30-150		7/1/15 2:04
Tetrachloro-m-xylene [2]	107	30-150		7/1/15 2:04

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 28-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-06

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	87.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 29-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-07

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1254 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.7	30-150		7/1/15 2:16
Decachlorobiphenyl [2]	102	30-150		7/1/15 2:16
Tetrachloro-m-xylene [1]	92.0	30-150		7/1/15 2:16
Tetrachloro-m-xylene [2]	101	30-150		7/1/15 2:16

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 29-122 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-07

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	86.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 30-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-08

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	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.5	30-150		7/1/15 2:28
Decachlorobiphenyl [2]	107	30-150		7/1/15 2:28
Tetrachloro-m-xylene [1]	99.5	30-150		7/1/15 2:28
Tetrachloro-m-xylene [2]	110	30-150		7/1/15 2:28

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 30-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-08

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	89.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 31-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-09

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.6	30-150		7/1/15 2:40
Decachlorobiphenyl [2]	102	30-150		7/1/15 2:40
Tetrachloro-m-xylene [1]	96.7	30-150		7/1/15 2:40
Tetrachloro-m-xylene [2]	107	30-150		7/1/15 2:40

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 31-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-09

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	91.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 32-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-10

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	87.6	30-150		7/1/15 3:30	
Decachlorobiphenyl [2]	102	30-150		7/1/15 3:30	
Tetrachloro-m-xylene [1]	95.4	30-150		7/1/15 3:30	
Tetrachloro-m-xylene [2]	104	30-150		7/1/15 3:30	

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 32-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-10

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	90.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 33-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-11

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	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.8	30-150		7/1/15 3:42
Decachlorobiphenyl [2]	99.6	30-150		7/1/15 3:42
Tetrachloro-m-xylene [1]	96.5	30-150		7/1/15 3:42
Tetrachloro-m-xylene [2]	107	30-150		7/1/15 3:42

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 33-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-11

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	93.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 34-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-12

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	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.3	30-150		7/1/15 3:54
Decachlorobiphenyl [2]	83.8	30-150		7/1/15 3:54
Tetrachloro-m-xylene [1]	80.2	30-150		7/1/15 3:54
Tetrachloro-m-xylene [2]	88.2	30-150		7/1/15 3:54

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 34-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-12

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	85.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 35-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-13

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	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.2	30-150		7/1/15 4:07
Decachlorobiphenyl [2]	104	30-150		7/1/15 4:07
Tetrachloro-m-xylene [1]	96.0	30-150		7/1/15 4:07
Tetrachloro-m-xylene [2]	105	30-150		7/1/15 4:07

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 35-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-13

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	90.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 36-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-14

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	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.9	30-150		7/1/15 4:19
Decachlorobiphenyl [2]	99.9	30-150		7/1/15 4:19
Tetrachloro-m-xylene [1]	92.0	30-150		7/1/15 4:19
Tetrachloro-m-xylene [2]	101	30-150		7/1/15 4:19

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 36-123 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-14

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	91.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 37-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-15

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	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1254 [2]	0.21	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	89.1	30-150		7/1/15 4:31	
Decachlorobiphenyl [2]	104	30-150		7/1/15 4:31	
Tetrachloro-m-xylene [1]	96.4	30-150		7/1/15 4:31	
Tetrachloro-m-xylene [2]	106	30-150		7/1/15 4:31	

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 37-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-15

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	86.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 38-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-16

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	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1254 [2]	0.21	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.0	30-150		7/1/15 4:44
Decachlorobiphenyl [2]	100	30-150		7/1/15 4:44
Tetrachloro-m-xylene [1]	95.4	30-150		7/1/15 4:44
Tetrachloro-m-xylene [2]	105	30-150		7/1/15 4:44

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 38-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-16

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	85.5		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 39-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-17

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	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1260 [2]	0.33	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.4	30-150		7/1/15 4:56
Decachlorobiphenyl [2]	101	30-150		7/1/15 4:56
Tetrachloro-m-xylene [1]	93.1	30-150		7/1/15 4:56
Tetrachloro-m-xylene [2]	102	30-150		7/1/15 4:56

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 39-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-17

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	84.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 40-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-18

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	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1254 [2]	0.19	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.4	30-150		7/1/15 5:08
Decachlorobiphenyl [2]	96.7	30-150		7/1/15 5:08
Tetrachloro-m-xylene [1]	93.0	30-150		7/1/15 5:08
Tetrachloro-m-xylene [2]	102	30-150		7/1/15 5:08

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 40-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-18

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	96.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 41-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-19

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	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1254 [2]	0.25	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.3	30-150		7/1/15 5:21
Decachlorobiphenyl [2]	96.6	30-150		7/1/15 5:21
Tetrachloro-m-xylene [1]	94.6	30-150		7/1/15 5:21
Tetrachloro-m-xylene [2]	104	30-150		7/1/15 5:21

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 41-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-19

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	83.5		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 42-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-20

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	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1254 [2]	0.26	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.9	30-150		7/1/15 5:33
Decachlorobiphenyl [2]	102	30-150		7/1/15 5:33
Tetrachloro-m-xylene [1]	89.2	30-150		7/1/15 5:33
Tetrachloro-m-xylene [2]	95.5	30-150		7/1/15 5:33

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 42-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-20

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	83.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 43-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-21

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	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1254 [2]	0.24	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		7/1/15 4:11
Decachlorobiphenyl [2]	117	30-150		7/1/15 4:11
Tetrachloro-m-xylene [1]	109	30-150		7/1/15 4:11
Tetrachloro-m-xylene [2]	121	30-150		7/1/15 4:11

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Project Location: Osborn School | Sample Description: | Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 43-124 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1354-21

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	85.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
15F1354-01 [23-122 soil]	B125050	06/26/15
15F1354-02 [24-122 soil]	B125050	06/26/15
15F1354-03 [25-122 soil]	B125050	06/26/15
15F1354-04 [26-122 soil]	B125050	06/26/15
15F1354-05 [27-122 soil]	B125050	06/26/15
15F1354-06 [28-122 soil]	B125050	06/26/15
15F1354-07 [29-122 soil]	B125050	06/26/15
15F1354-08 [30-123 soil]	B125050	06/26/15
15F1354-09 [31-123 soil]	B125050	06/26/15
15F1354-10 [32-123 soil]	B125050	06/26/15
15F1354-11 [33-123 soil]	B125050	06/26/15
15F1354-12 [34-123 soil]	B125050	06/26/15
15F1354-13 [35-123 soil]	B125050	06/26/15
15F1354-14 [36-123 soil]	B125050	06/26/15
15F1354-15 [37-124 soil]	B125050	06/26/15
15F1354-16 [38-124 soil]	B125050	06/26/15
15F1354-17 [39-124 soil]	B125050	06/26/15
15F1354-18 [40-124 soil]	B125050	06/26/15
15F1354-19 [41-124 soil]	B125050	06/26/15
15F1354-20 [42-124 soil]	B125050	06/26/15
15F1354-21 [43-124 soil]	B125050	06/26/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1354-01 [23-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-02 [24-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-03 [25-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-04 [26-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-05 [27-122 soil]	B125051	10.2	10.0	06/26/15
15F1354-06 [28-122 soil]	B125051	10.2	10.0	06/26/15
15F1354-07 [29-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-08 [30-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-09 [31-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-10 [32-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-11 [33-123 soil]	B125051	10.1	10.0	06/26/15
15F1354-12 [34-123 soil]	B125051	10.2	10.0	06/26/15
15F1354-13 [35-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-14 [36-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-15 [37-124 soil]	B125051	10.2	10.0	06/26/15
15F1354-16 [38-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-17 [39-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-18 [40-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-19 [41-124 soil]	B125051	10.3	10.0	06/26/15
15F1354-20 [42-124 soil]	B125051	10.2	10.0	06/26/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1354-21 [43-124 soil]	B125061	10.3	10.0	06/27/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125051 - SW-846 3540C										
Blank (B125051-BLK1)				Prepared: 06/26/15 Analyzed: 07/01/15						
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	*0.183*		mg/Kg wet	0.200		91.7	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		91.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
LCS (B125051-BS1)				Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.196		89.2	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.196		94.9	40-140			
Aroclor-1260	0.17	0.020	mg/Kg wet	0.196		86.2	40-140			
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.196		99.9	40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg wet	0.196		85.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg wet	0.196		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.196		87.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.196		99.7	30-150			
LCS Dup (B125051-BSD1)				Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.196		89.1	40-140	0.0410	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.196		94.8	40-140	0.0754	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.196		86.0	40-140	0.247	30	
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.196		99.7	40-140	0.245	30	
Surrogate: Decachlorobiphenyl	*0.164*		mg/Kg wet	0.196		83.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg wet	0.196		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg wet	0.196		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.194*		mg/Kg wet	0.196		98.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B125051 - SW-846 3540C											
Matrix Spike (B125051-MS1)	**Source: 15F1354-01**			Prepared: 06/26/15 Analyzed: 07/01/15							
Aroclor-1016	0.25	0.11	mg/Kg dry	0.223	ND	112		40-140			
Aroclor-1016 [2C]	0.28	0.11	mg/Kg dry	0.223	ND	127		40-140			
Aroclor-1260	0.27	0.11	mg/Kg dry	0.223	ND	121		40-140			
Aroclor-1260 [2C]	0.33	0.11	mg/Kg dry	0.223	ND	**146**	*	40-140			MS-22
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg dry	0.223		86.9		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.238*		mg/Kg dry	0.223		107		30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg dry	0.223		95.9		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.233*		mg/Kg dry	0.223		105		30-150			
Matrix Spike Dup (B125051-MSD1)	**Source: 15F1354-01**			Prepared: 06/26/15 Analyzed: 07/01/15							
Aroclor-1016	0.25	0.11	mg/Kg dry	0.226	ND	109		40-140	0.577	50	
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.226	ND	122		40-140	3.20	50	
Aroclor-1260	0.26	0.11	mg/Kg dry	0.226	ND	115		40-140	3.48	50	
Aroclor-1260 [2C]	0.32	0.11	mg/Kg dry	0.226	ND	140		40-140	3.04	50	
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg dry	0.226		83.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.231*		mg/Kg dry	0.226		102		30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg dry	0.226		95.9		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.236*		mg/Kg dry	0.226		105		30-150			
Batch B125061 - SW-846 3540C											
Blank (B125061-BLK1)				Prepared: 06/27/15 Analyzed: 07/01/15							
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	*0.195*		mg/Kg wet	0.200		97.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg wet	0.200		111		30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		97.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125061 - SW-846 3540C										
LCS (B125061-BS1)				Prepared: 06/27/15 Analyzed: 07/01/15						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		80.0	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		81.4	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		70.0	40-140			
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.200		74.2	40-140			
Surrogate: Decachlorobiphenyl	*0.125*		mg/Kg wet	0.200		62.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.145*		mg/Kg wet	0.200		72.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.159*		mg/Kg wet	0.200		79.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		88.8	30-150			
LCS Dup (B125061-BSD1)				Prepared: 06/27/15 Analyzed: 07/01/15						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		90.7	40-140	12.5	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.1	40-140	10.1	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.5	40-140	23.4	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		92.6	40-140	22.1	30	
Surrogate: Decachlorobiphenyl	*0.171*		mg/Kg wet	0.200		85.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		86.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg wet	0.200		94.9	30-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125050 - % Solids										
Duplicate (B125050-DUP3)	**Source: 15F1354-01**			Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	86.2		% Wt		88.0			2.07	20	
Duplicate (B125050-DUP4)	**Source: 15F1354-05**			Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	86.3		% Wt		87.3			1.15	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

23-122 soil

Lab Sample ID: 15F1354-01 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.20	34.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

24-122 soil

Lab Sample ID: 15F1354-02 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.20	36.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

25-122 soil

Lab Sample ID: 15F1354-03 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.13	
	2	0.00	-0.03	0.03	0.18	35.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

26-122 soil

Lab Sample ID: 15F1354-04 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.16	
	2	0.00	-0.03	0.03	0.23	35.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

27-122 soil

Lab Sample ID: 15F1354-05 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.20	29.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

28-122 soil

Lab Sample ID: 15F1354-06 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.27	34.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

29-122 soil

Lab Sample ID: 15F1354-07 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.12	
	2	0.00	-0.03	0.03	0.17	36.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

37-124 soil

Lab Sample ID: 15F1354-15 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.21	33.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

38-124 soil

Lab Sample ID: 15F1354-16

Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.21	30.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

39-124 soil

Lab Sample ID: 15F1354-17 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1260	1	0.00	-0.03	0.03	0.28	
	2	0.00	-0.03	0.03	0.33	17.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

40-124 soil

Lab Sample ID: 15F1354-18 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.19	31.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

41-124 soil

Lab Sample ID: 15F1354-19

Date(s) Analyzed: 07/01/2015 07/01/2015

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.25	30.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

42-124 soil

Lab Sample ID: 15F1354-20 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.26	33.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

43-124 soil

Lab Sample ID: 15F1354-21 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.24	22.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125051-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.19	8
Aroclor-1260	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.20	17

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125051-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.19	8
Aroclor-1260	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.20	17

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125051-MS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.25	
	2	0.00	-0.03	0.03	0.28	12
Aroclor-1260	1	0.00	-0.03	0.03	0.27	
	2	0.00	-0.03	0.03	0.33	20

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125051-MSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.25	
	2	0.00	-0.03	0.03	0.27	9
Aroclor-1260	1	0.00	-0.03	0.03	0.26	
	2	0.00	-0.03	0.03	0.32	21

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125061-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.16	
	2	0.00	-0.03	0.03	0.16	0
Aroclor-1260	1	0.00	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.15	7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125061-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.18	1
Aroclor-1260	1	0.00	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.19	7

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page____ of____

15F1354

Company Name: AMC Environmental
Telephone: 203-378-5020
Address: P.O. Box 423, Stratford, CT 06615
Project #
Client PO#
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham
Project Proposal Provided? (for billing purposes) ○ yes ______ proposal date

DATA DELIVERY (check all that apply)
○ FAX ⦿ EMAIL ○ WEBSITE
Fax #
Email: results@amcenviro.com
Format: ⦿ PDF ○ EXCEL ○ GIS ○ OTHER____ ○ "Enhanced Data Package"

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A
01	23-122 Soil	6/26/15			X			✓
02	24-	↓			X			✓
03	25-	↓			X			✓
04	26-	↓			X			✓
05	27-	↓			X			✓
06	28-	↓			X			✓
07	29-	↓			X			✓
08	30- 123 Soil	↓			X			✓
09	31-	↓			X			✓
10	32-	↓			X			✓

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Signature	Date/Time
Relinquished by: (signature) [signature] 6/26/15	1705
Received by: (signature) Rebecca Faust DFS 211 6/26/15	1705
Relinquished by: (signature)	
Received by: (signature)	

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

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

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

CHAIN OF CUSTODY RECORD

1SF1354

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham
Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
11	33- 123 Soil	6/26/15			X			✓			
12	34-				X			✓			
13	35-				X			✓			
14	36-				X			✓			
15	37- 124 Soil				X			✓			
16	38-				X			✓			
17	39-				X			✓			
18	40-				X			✓			
19	41-				X			✓			
20	42-				X			✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	
Received by: (signature) Rebecca Twist 6/26/15	Date/Time: 1705	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

1SF1354

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham
Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
21	43-124 Soil	6/26/15			X			✓			
								✓			
								✓			
								✓			
								✓			
								✓			
								✓			
								✓			
								✓			
								✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Fussi 6/26/15	Date/Time: 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other ____
RUSH †
☐ †24-Hr ☒ †48-Hr
☐ †72-Hr ☐ †4-Day
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Massachusetts:
Connecticut: <1PPM
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○ MA State DW Form Required PWSID # _____

nelac AIHA NELAC & AIHA Certified
WBE/DBE Certified

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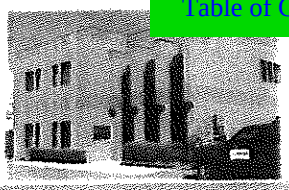
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** RLF **DATE:** 6/26/15

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 21.1 °C

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	21
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	direct from sampling
4) Cooler Temperature is acceptable.	N/A	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

RLF 6/24/15 1705

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

July 1, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15F1347

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

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Table of Contents (continued)

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

AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1347

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
01-116 soil	15F1347-01	Soil		SM 2540G	
				SW-846 8082A	
02-116 soil	15F1347-02	Soil		SM 2540G	
				SW-846 8082A	
03-116 soil	15F1347-03	Soil		SM 2540G	
				SW-846 8082A	
04-117 soil	15F1347-04	Soil		SM 2540G	
				SW-846 8082A	
05-117 soil	15F1347-05	Soil		SM 2540G	
				SW-846 8082A	
06-117 soil	15F1347-06	Soil		SM 2540G	
				SW-846 8082A	
07-118 soil	15F1347-07	Soil		SM 2540G	
				SW-846 8082A	
08-118 soil	15F1347-08	Soil		SM 2540G	
				SW-846 8082A	
09-118 soil	15F1347-09	Soil		SM 2540G	
				SW-846 8082A	
10-119 soil	15F1347-10	Soil		SM 2540G	
				SW-846 8082A	
11-119 soil	15F1347-11	Soil		SM 2540G	
				SW-846 8082A	
12-119 soil	15F1347-12	Soil		SM 2540G	
				SW-846 8082A	
13-120 soil	15F1347-13	Soil		SM 2540G	
				SW-846 8082A	
14-120 soil	15F1347-14	Soil		SM 2540G	
				SW-846 8082A	
15-120 soil	15F1347-15	Soil		SM 2540G	
				SW-846 8082A	
16-121 soil	15F1347-16	Soil		SM 2540G	
				SW-846 8082A	
17-121 soil	15F1347-17	Soil		SM 2540G	
				SW-846 8082A	
18-121 soil	15F1347-18	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-1260
B125047-MSD1

Aroclor-1260 [2C]
B125047-MS1, B125047-MSD1

P-01

Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.

Analyte & Samples(s) Qualified:

Aroclor-1254 [2C]
15F1347-08[08-118 soil], 15F1347-09[09-118 soil]

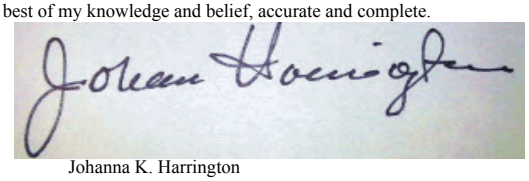
V-05

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

Analyte & Samples(s) Qualified:

Aroclor-1260
B125047-BS1, B125047-BSD1, B125047-MS1, B125047-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.



Johanna K. Harrington
Manager, Laboratory Reporting

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 01-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-01

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1254 [2]	0.94	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.4	30-150		6/29/15 19:18
Decachlorobiphenyl [2]	104	30-150		6/29/15 19:18
Tetrachloro-m-xylene [1]	94.0	30-150		6/29/15 19:18
Tetrachloro-m-xylene [2]	101	30-150		6/29/15 19:18

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 01-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-01

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	92.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 02-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-02

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1254 [2]	0.81	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:30	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.0	30-150		6/29/15 19:30
Decachlorobiphenyl [2]	107	30-150		6/29/15 19:30
Tetrachloro-m-xylene [1]	90.6	30-150		6/29/15 19:30
Tetrachloro-m-xylene [2]	98.0	30-150		6/29/15 19:30

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 02-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-02

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	91.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 03-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-03

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1254 [2]	0.80	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:43	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.1	30-150		6/29/15 19:43
Decachlorobiphenyl [2]	81.0	30-150		6/29/15 19:43
Tetrachloro-m-xylene [1]	91.8	30-150		6/29/15 19:43
Tetrachloro-m-xylene [2]	82.3	30-150		6/29/15 19:43

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

Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 03-116 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-03

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	91.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 04-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-04

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1254 [2]	1.0	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 19:55	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.2	30-150		6/29/15 19:55
Decachlorobiphenyl [2]	101	30-150		6/29/15 19:55
Tetrachloro-m-xylene [1]	90.5	30-150		6/29/15 19:55
Tetrachloro-m-xylene [2]	96.0	30-150		6/29/15 19:55

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 04-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-04

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	91.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 05-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-05

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1254 [2]	0.59	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:07	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.0	30-150		6/29/15 20:07
Decachlorobiphenyl [2]	89.6	30-150		6/29/15 20:07
Tetrachloro-m-xylene [1]	81.8	30-150		6/29/15 20:07
Tetrachloro-m-xylene [2]	87.2	30-150		6/29/15 20:07

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 05-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-05

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	90.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 06-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-06

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1254 [2]	0.48	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:20	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.2	30-150		6/29/15 20:20
Decachlorobiphenyl [2]	98.0	30-150		6/29/15 20:20
Tetrachloro-m-xylene [1]	91.8	30-150		6/29/15 20:20
Tetrachloro-m-xylene [2]	101	30-150		6/29/15 20:20

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 06-117 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-06

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	92.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 07-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-07

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1254 [2]	0.44	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	57.0	30-150		6/29/15 20:32
Decachlorobiphenyl [2]	76.0	30-150		6/29/15 20:32
Tetrachloro-m-xylene [1]	72.6	30-150		6/29/15 20:32
Tetrachloro-m-xylene [2]	80.1	30-150		6/29/15 20:32

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 07-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-07

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	91.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 08-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-08

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1254 [2]	0.56	0.11	mg/Kg dry	5	P-01	SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 20:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	71.5	30-150		6/29/15 20:45
Decachlorobiphenyl [2]	98.8	30-150		6/29/15 20:45
Tetrachloro-m-xylene [1]	89.3	30-150		6/29/15 20:45
Tetrachloro-m-xylene [2]	96.4	30-150		6/29/15 20:45

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 08-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-08

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	91.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 09-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-09

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1254 [2]	0.80	0.11	mg/Kg dry	5	P-01	SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:34	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.0	30-150		6/29/15 21:34
Decachlorobiphenyl [2]	99.1	30-150		6/29/15 21:34
Tetrachloro-m-xylene [1]	93.0	30-150		6/29/15 21:34
Tetrachloro-m-xylene [2]	101	30-150		6/29/15 21:34

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 09-118 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-09

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	91.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 10-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-10

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1254 [2]	0.50	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 21:46	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.2	30-150		6/29/15 21:46
Decachlorobiphenyl [2]	109	30-150		6/29/15 21:46
Tetrachloro-m-xylene [1]	98.9	30-150		6/29/15 21:46
Tetrachloro-m-xylene [2]	107	30-150		6/29/15 21:46

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 10-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-10

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	90.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 11-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-11

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	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1254 [2]	4.1	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1260 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	127	30-150		6/30/15 16:44
Decachlorobiphenyl [2]	120	30-150		6/30/15 16:44
Tetrachloro-m-xylene [1]	124	30-150		6/30/15 16:44
Tetrachloro-m-xylene [2]	113	30-150		6/30/15 16:44

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 11-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-11

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	90.7		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 12-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-12

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	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1254 [2]	3.8	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1260 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 16:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	132	30-150		6/30/15 16:57
Decachlorobiphenyl [2]	126	30-150		6/30/15 16:57
Tetrachloro-m-xylene [1]	131	30-150		6/30/15 16:57
Tetrachloro-m-xylene [2]	121	30-150		6/30/15 16:57

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 12-119 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-12

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	91.5		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 13-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-13

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	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1254 [2]	3.1	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1260 [2]	0.83	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:10	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	122	30-150		6/30/15 17:10
Decachlorobiphenyl [2]	131	30-150		6/30/15 17:10
Tetrachloro-m-xylene [1]	121	30-150		6/30/15 17:10
Tetrachloro-m-xylene [2]	111	30-150		6/30/15 17:10

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 13-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-13

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	90.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 14-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-14

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	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1254 [2]	2.5	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1260 [2]	0.86	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	25		SW-846 8082A	6/26/15	6/30/15 17:22	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	127	30-150		6/30/15 17:22
Decachlorobiphenyl [2]	117	30-150		6/30/15 17:22
Tetrachloro-m-xylene [1]	124	30-150		6/30/15 17:22
Tetrachloro-m-xylene [2]	113	30-150		6/30/15 17:22

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 14-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-14

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	90.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 15-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-15

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	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1254 [2]	1.6	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1260 [2]	0.26	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:35	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	118	30-150		6/30/15 17:35
Decachlorobiphenyl [2]	122	30-150		6/30/15 17:35
Tetrachloro-m-xylene [1]	117	30-150		6/30/15 17:35
Tetrachloro-m-xylene [2]	116	30-150		6/30/15 17:35

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 15-120 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-15

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	90.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 16-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-16

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1254 [2]	1.1	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.6	30-150		6/29/15 23:00
Decachlorobiphenyl [2]	142	30-150		6/29/15 23:00
Tetrachloro-m-xylene [1]	103	30-150		6/29/15 23:00
Tetrachloro-m-xylene [2]	113	30-150		6/29/15 23:00

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 16-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-16

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	90.7		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 17-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-17

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	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1254 [2]	1.5	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1260 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	6/26/15	6/30/15 17:48	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		6/30/15 17:48
Decachlorobiphenyl [2]	116	30-150		6/30/15 17:48
Tetrachloro-m-xylene [1]	121	30-150		6/30/15 17:48
Tetrachloro-m-xylene [2]	119	30-150		6/30/15 17:48

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 17-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-17

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	91.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 18-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-18

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 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1254 [2]	1.2	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	6/29/15 23:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.9	30-150		6/29/15 23:25
Decachlorobiphenyl [2]	141	30-150		6/29/15 23:25
Tetrachloro-m-xylene [1]	95.9	30-150		6/29/15 23:25
Tetrachloro-m-xylene [2]	105	30-150		6/29/15 23:25

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Project Location: Osborn School | Sample Description: | Work Order: 15F1347

Date Received: 6/26/2015

Field Sample #: 18-121 soil | Sampled: 6/26/2015 00:00

Sample ID: 15F1347-18

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	89.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
15F1347-01 [01-116 soil]	B125050	06/26/15
15F1347-02 [02-116 soil]	B125050	06/26/15
15F1347-03 [03-116 soil]	B125050	06/26/15
15F1347-04 [04-117 soil]	B125050	06/26/15
15F1347-05 [05-117 soil]	B125050	06/26/15
15F1347-06 [06-117 soil]	B125050	06/26/15
15F1347-07 [07-118 soil]	B125050	06/26/15
15F1347-08 [08-118 soil]	B125050	06/26/15
15F1347-09 [09-118 soil]	B125050	06/26/15
15F1347-10 [10-119 soil]	B125050	06/26/15
15F1347-11 [11-119 soil]	B125050	06/26/15
15F1347-12 [12-119 soil]	B125050	06/26/15
15F1347-13 [13-120 soil]	B125050	06/26/15
15F1347-14 [14-120 soil]	B125050	06/26/15
15F1347-15 [15-120 soil]	B125050	06/26/15
15F1347-16 [16-121 soil]	B125050	06/26/15
15F1347-17 [17-121 soil]	B125050	06/26/15
15F1347-18 [18-121 soil]	B125050	06/26/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1347-01 [01-116 soil]	B125047	10.0	10.0	06/26/15
15F1347-02 [02-116 soil]	B125047	10.1	10.0	06/26/15
15F1347-03 [03-116 soil]	B125047	10.0	10.0	06/26/15
15F1347-04 [04-117 soil]	B125047	10.2	10.0	06/26/15
15F1347-05 [05-117 soil]	B125047	10.1	10.0	06/26/15
15F1347-06 [06-117 soil]	B125047	10.0	10.0	06/26/15
15F1347-07 [07-118 soil]	B125047	10.3	10.0	06/26/15
15F1347-08 [08-118 soil]	B125047	10.0	10.0	06/26/15
15F1347-09 [09-118 soil]	B125047	10.2	10.0	06/26/15
15F1347-10 [10-119 soil]	B125047	10.3	10.0	06/26/15
15F1347-11 [11-119 soil]	B125047	10.3	10.0	06/26/15
15F1347-12 [12-119 soil]	B125047	10.0	10.0	06/26/15
15F1347-13 [13-120 soil]	B125047	10.1	10.0	06/26/15
15F1347-14 [14-120 soil]	B125047	10.2	10.0	06/26/15
15F1347-15 [15-120 soil]	B125047	10.2	10.0	06/26/15
15F1347-16 [16-121 soil]	B125047	10.3	10.0	06/26/15
15F1347-17 [17-121 soil]	B125047	10.2	10.0	06/26/15
15F1347-18 [18-121 soil]	B125047	10.1	10.0	06/26/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125047 - SW-846 3540C										
Blank (B125047-BLK1)				Prepared: 06/26/15 Analyzed: 06/29/15						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.808*		mg/Kg wet	1.00		80.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.04*		mg/Kg wet	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.849*		mg/Kg wet	1.00		84.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.915*		mg/Kg wet	1.00		91.5	30-150			
LCS (B125047-BS1)				Prepared: 06/26/15 Analyzed: 06/29/15						
Aroclor-1016	0.92	0.10	mg/Kg wet	1.00		92.1	40-140			
Aroclor-1016 [2C]	1.0	0.10	mg/Kg wet	1.00		103	40-140			
Aroclor-1260	0.95	0.10	mg/Kg wet	1.00		95.5	40-140			V-05
Aroclor-1260 [2C]	1.1	0.10	mg/Kg wet	1.00		107	40-140			
Surrogate: Decachlorobiphenyl	*0.950*		mg/Kg wet	1.00		95.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.12*		mg/Kg wet	1.00		112	30-150			
Surrogate: Tetrachloro-m-xylene	*0.934*		mg/Kg wet	1.00		93.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.00*		mg/Kg wet	1.00		100	30-150			
LCS Dup (B125047-BSD1)				Prepared: 06/26/15 Analyzed: 06/29/15						
Aroclor-1016	0.89	0.10	mg/Kg wet	1.00		88.9	40-140	3.47	30	
Aroclor-1016 [2C]	1.0	0.10	mg/Kg wet	1.00		100	40-140	2.61	30	
Aroclor-1260	0.89	0.10	mg/Kg wet	1.00		89.3	40-140	6.65	30	V-05
Aroclor-1260 [2C]	1.0	0.10	mg/Kg wet	1.00		100	40-140	6.38	30	
Surrogate: Decachlorobiphenyl	*0.873*		mg/Kg wet	1.00		87.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.03*		mg/Kg wet	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.898*		mg/Kg wet	1.00		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.964*		mg/Kg wet	1.00		96.4	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B125047 - SW-846 3540C											
Matrix Spike (B125047-MS1)	**Source: 15F1347-08**			Prepared: 06/26/15 Analyzed: 06/29/15							
Aroclor-1016	1.0	0.54	mg/Kg dry	1.09	ND	93.6		40-140			
Aroclor-1016 [2C]	1.2	0.54	mg/Kg dry	1.09	ND	110		40-140			
Aroclor-1260	1.3	0.54	mg/Kg dry	1.09	ND	123		40-140			V-05
Aroclor-1260 [2C]	1.7	0.54	mg/Kg dry	1.09	ND	**156**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.746*		mg/Kg dry	1.09		68.5		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.973*		mg/Kg dry	1.09		89.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.905*		mg/Kg dry	1.09		83.1		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.988*		mg/Kg dry	1.09		90.7		30-150			
Matrix Spike Dup (B125047-MSD1)	**Source: 15F1347-08**			Prepared: 06/26/15 Analyzed: 06/29/15							
Aroclor-1016	1.2	0.54	mg/Kg dry	1.09	ND	111		40-140	16.8	50	
Aroclor-1016 [2C]	1.4	0.54	mg/Kg dry	1.09	ND	132		40-140	18.5	50	
Aroclor-1260	1.6	0.54	mg/Kg dry	1.09	ND	**151**	*	40-140	20.2	50	MS-21, V-05
Aroclor-1260 [2C]	2.1	0.54	mg/Kg dry	1.09	ND	**190**	*	40-140	19.3	50	MS-21
Surrogate: Decachlorobiphenyl	*0.943*		mg/Kg dry	1.09		86.6		30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.21*		mg/Kg dry	1.09		111		30-150			
Surrogate: Tetrachloro-m-xylene	*1.15*		mg/Kg dry	1.09		106		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.26*		mg/Kg dry	1.09		116		30-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125050 - % Solids										
Duplicate (B125050-DUP1)	**Source: 15F1347-01**			Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	92.0		% Wt		92.3			0.326	20	
Duplicate (B125050-DUP2)	**Source: 15F1347-05**			Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	91.3		% Wt		90.9			0.439	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

01-116 soil

Lab Sample ID: 15F1347-01 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.69	
	2	0.00	-0.03	0.03	0.94	30.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

02-116 soil

Lab Sample ID: 15F1347-02 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.58	
	2	0.00	-0.03	0.03	0.81	33.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

03-116 soil

Lab Sample ID: 15F1347-03 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	1.0	
	2	0.00	-0.03	0.03	0.80	25.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

04-117 soil

Lab Sample ID: 15F1347-04 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.79	
	2	0.00	-0.03	0.03	1.0	23.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

05-117 soil

Lab Sample ID: 15F1347-05 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.41	
	2	0.00	-0.03	0.03	0.59	35.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

06-117 soil

Lab Sample ID: 15F1347-06 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.34	
	2	0.00	-0.03	0.03	0.48	35.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

07-118 soil

Lab Sample ID: 15F1347-07 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.30	
	2	0.00	-0.03	0.03	0.44	37.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

08-118 soil

Lab Sample ID: 15F1347-08 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.37	
	2	0.00	-0.03	0.03	0.56	40.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

09-118 soil

Lab Sample ID: 15F1347-09 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.53	
	2	0.00	-0.03	0.03	0.80	40.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

10-119 soil

Lab Sample ID: 15F1347-10 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.35	
	2	0.00	-0.03	0.03	0.50	35.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

11-119 soil

Lab Sample ID: 15F1347-11 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	3.7	
	2	0.00	-0.03	0.03	4.1	9.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

12-119 soil

Lab Sample ID: 15F1347-12 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	3.5	
	2	0.00	-0.03	0.03	3.8	8.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

13-120 soil

Lab Sample ID: 15F1347-13 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	2.9	
	2	0.00	-0.03	0.03	3.1	6.7
Aroclor-1260	1	0.00	-0.03	0.03	0.69	
	2	0.00	-0.03	0.03	0.83	18.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

14-120 soil

Lab Sample ID: 15F1347-14 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	2.4	
	2	0.00	-0.03	0.03	2.5	2.4
Aroclor-1260	1	0.00	-0.03	0.03	0.75	
	2	0.00	-0.03	0.03	0.86	14.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

15-120 soil

Lab Sample ID: 15F1347-15 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	1.5	
	2	0.00	-0.03	0.03	1.6	3.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

16-121 soil

Lab Sample ID: 15F1347-16 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.80	
	2	0.00	-0.03	0.03	1.1	31.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

17-121 soil

Lab Sample ID: 15F1347-17 Date(s) Analyzed: 06/30/2015 06/30/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	1.3	
	2	0.00	-0.03	0.03	1.5	10.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

18-121 soil

Lab Sample ID: 15F1347-18 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.95	
	2	0.00	-0.03	0.03	1.2	23.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125047-BS1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.92	
	2	0.00	-0.03	0.03	1.0	8
Aroclor-1260	1	0.00	-0.03	0.03	0.95	
	2	0.00	-0.03	0.03	1.1	14

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125047-BSD1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.89	
	2	0.00	-0.03	0.03	1.0	12
Aroclor-1260	1	0.00	-0.03	0.03	0.89	
	2	0.00	-0.03	0.03	1.0	11

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B125047-MS1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	1.0	
	2	0.00	-0.03	0.03	1.2	16
Aroclor-1260	1	0.00	-0.03	0.03	1.3	
	2	0.00	-0.03	0.03	1.7	24

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125047-MSD1 Date(s) Analyzed: 06/29/2015 06/29/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	1.2	
	2	0.00	-0.03	0.03	1.4	15
Aroclor-1260	1	0.00	-0.03	0.03	1.6	
	2	0.00	-0.03	0.03	2.1	25

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	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.
P-01	Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

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,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

15F1347

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East longmeadow, MA 01028

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Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
01	01- 116 Soil	6/26/15			X			✓			
02	02- 116 Soil				X			✓			
03	03- 116 Soil				X			✓			
04	04- 117 Soil				X			✓			
05	05- 117 Soil				X			✓			
06	06- 117 Soil				X			✓			
07	07- 118 Soil				X			✓			
08	08- 118 Soil				X			✓			
09	09- 118 Soil				X			✓			
10	10- 119 Soil				X			✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Thurst 21°C	Date/Time: 6/26/15 1705
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

15F1347

Page_____of_____

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Telephone: 203-378-5020
Project #
Client PO#

Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
11	11- 119 Soil	6/26/15			X			✓			
12	12- 119 Soil				X			✓			
13	13- 120 Soil				X			✓			
14	14- 120 Soil				X			✓			
15	15- 120 Soil				X			✓			
16	16- 121 Soil				X			✓			
17	17- 121 Soil				X			✓			
18	18- 121 Soil				X			✓			
	19- 106 Brick				X			✓			
	20-106 Mortar				X			✓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) Rebecca Tuttle 6/26/15 1705	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut: <1PPM
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

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

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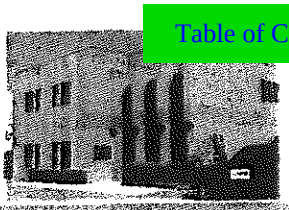
con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** BLF **DATE:** 6/26/15

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

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

If not, explain:

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

If not, explain:

4) **How were the samples received:**

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 21.1°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	18
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	direct from sampling
4) Cooler Temperature is acceptable.	N/A	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: **Date/Time:** RLF 6/26/15 1705

con-test® ANALYTICAL LABORATORY
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July 15, 2015

Jason Pringle
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15G0552

Enclosed are results of analyses for samples received by the laboratory on July 13, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

Table of Contents

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

AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Jason Pringle

REPORT DATE: 7/15/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15G0552

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
119-01	15G0552-01	Soil		SM 2540G	
				SW-846 8082A	
119-02	15G0552-02	Soil		SM 2540G	
				SW-846 8082A	
119-03	15G0552-03	Soil		SM 2540G	
				SW-846 8082A	
119-04	15G0552-04	Soil		SM 2540G	
				SW-846 8082A	
120-01	15G0552-05	Soil		SM 2540G	
				SW-846 8082A	
120-02	15G0552-06	Soil		SM 2540G	
				SW-846 8082A	
120-03	15G0552-07	Soil		SM 2540G	
				SW-846 8082A	
121-01	15G0552-08	Soil		SM 2540G	
				SW-846 8082A	
121-02	15G0552-09	Soil		SM 2540G	
				SW-846 8082A	
121-03	15G0552-10	Soil		SM 2540G	
				SW-846 8082A	
121-04	15G0552-11	Soil		SM 2540G	
				SW-846 8082A	

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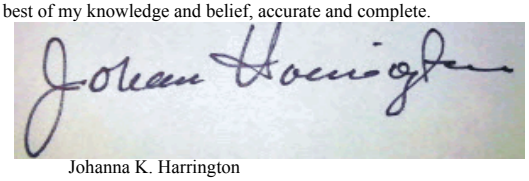
CASE NARRATIVE SUMMARY

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

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



Johanna K. Harrington
Manager, Laboratory Reporting

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

Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-01

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	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1254 [2]	0.40	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 15:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.6	30-150		7/14/15 15:49
Decachlorobiphenyl [2]	94.2	30-150		7/14/15 15:49
Tetrachloro-m-xylene [1]	93.8	30-150		7/14/15 15:49
Tetrachloro-m-xylene [2]	85.1	30-150		7/14/15 15:49

con-test® ANALYTICAL LABORATORY
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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-01

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	85.2		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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

Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-02

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	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1254 [2]	0.27	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.4	30-150		7/14/15 16:02
Decachlorobiphenyl [2]	92.2	30-150		7/14/15 16:02
Tetrachloro-m-xylene [1]	93.7	30-150		7/14/15 16:02
Tetrachloro-m-xylene [2]	85.3	30-150		7/14/15 16:02

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

Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-02

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	86.1		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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

Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-03

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	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1254 [2]	0.47	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1260 [2]	0.25	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		7/14/15 16:14
Decachlorobiphenyl [2]	94.1	30-150		7/14/15 16:14
Tetrachloro-m-xylene [1]	94.2	30-150		7/14/15 16:14
Tetrachloro-m-xylene [2]	85.5	30-150		7/14/15 16:14

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-03

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	85.0		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-04 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-04

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	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1254 [2]	0.36	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.7	30-150		7/14/15 16:27
Decachlorobiphenyl [2]	94.9	30-150		7/14/15 16:27
Tetrachloro-m-xylene [1]	96.3	30-150		7/14/15 16:27
Tetrachloro-m-xylene [2]	87.3	30-150		7/14/15 16:27

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 119-04 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-04

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	84.3		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-05

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	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.6	30-150		7/14/15 16:40
Decachlorobiphenyl [2]	88.2	30-150		7/14/15 16:40
Tetrachloro-m-xylene [1]	93.0	30-150		7/14/15 16:40
Tetrachloro-m-xylene [2]	84.3	30-150		7/14/15 16:40

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-05

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	90.8		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-06

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	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 16:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.0	30-150		7/14/15 16:53
Decachlorobiphenyl [2]	88.6	30-150		7/14/15 16:53
Tetrachloro-m-xylene [1]	97.7	30-150		7/14/15 16:53
Tetrachloro-m-xylene [2]	89.6	30-150		7/14/15 16:53

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-06

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	94.9		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-07

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	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.1	30-150		7/14/15 17:45
Decachlorobiphenyl [2]	91.0	30-150		7/14/15 17:45
Tetrachloro-m-xylene [1]	98.1	30-150		7/14/15 17:45
Tetrachloro-m-xylene [2]	88.8	30-150		7/14/15 17:45

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 120-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-07

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	92.7		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-08

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	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 17:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		7/14/15 17:57
Decachlorobiphenyl [2]	92.6	30-150		7/14/15 17:57
Tetrachloro-m-xylene [1]	97.7	30-150		7/14/15 17:57
Tetrachloro-m-xylene [2]	88.5	30-150		7/14/15 17:57

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-01 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-08

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	88.6		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-09

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	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1254 [2]	0.33	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:10	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.4	30-150		7/14/15 18:10
Decachlorobiphenyl [2]	90.7	30-150		7/14/15 18:10
Tetrachloro-m-xylene [1]	98.7	30-150		7/14/15 18:10
Tetrachloro-m-xylene [2]	89.3	30-150		7/14/15 18:10

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-02 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-09

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	87.8		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-10

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	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1254 [2]	0.16	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.4	30-150		7/14/15 18:22
Decachlorobiphenyl [2]	85.9	30-150		7/14/15 18:22
Tetrachloro-m-xylene [1]	99.4	30-150		7/14/15 18:22
Tetrachloro-m-xylene [2]	90.9	30-150		7/14/15 18:22

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-03 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-10

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	86.7		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-04 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-11

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	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/13/15	7/14/15 18:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.7	30-150		7/14/15 18:35
Decachlorobiphenyl [2]	82.0	30-150		7/14/15 18:35
Tetrachloro-m-xylene [1]	93.5	30-150		7/14/15 18:35
Tetrachloro-m-xylene [2]	85.2	30-150		7/14/15 18:35

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Project Location: Osborn School | Sample Description: | Work Order: 15G0552

Date Received: 7/13/2015

Field Sample #: 121-04 | Sampled: 7/10/2015 00:00

Sample ID: 15G0552-11

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	88.0		% Wt	1		SM 2540G	7/14/15	7/15/15 13:18	MRL

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
15G0552-01 [119-01]	B126156	07/14/15
15G0552-02 [119-02]	B126156	07/14/15
15G0552-03 [119-03]	B126156	07/14/15
15G0552-04 [119-04]	B126156	07/14/15
15G0552-05 [120-01]	B126156	07/14/15
15G0552-06 [120-02]	B126156	07/14/15
15G0552-07 [120-03]	B126156	07/14/15
15G0552-08 [121-01]	B126156	07/14/15
15G0552-09 [121-02]	B126156	07/14/15
15G0552-10 [121-03]	B126156	07/14/15
15G0552-11 [121-04]	B126156	07/14/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15G0552-01 [119-01]	B126119	10.0	10.0	07/13/15
15G0552-02 [119-02]	B126119	10.0	10.0	07/13/15
15G0552-03 [119-03]	B126119	10.0	10.0	07/13/15
15G0552-04 [119-04]	B126119	10.0	10.0	07/13/15
15G0552-05 [120-01]	B126119	10.0	10.0	07/13/15
15G0552-06 [120-02]	B126119	10.0	10.0	07/13/15
15G0552-07 [120-03]	B126119	10.0	10.0	07/13/15
15G0552-08 [121-01]	B126119	10.0	10.0	07/13/15
15G0552-09 [121-02]	B126119	10.0	10.0	07/13/15
15G0552-10 [121-03]	B126119	10.0	10.0	07/13/15
15G0552-11 [121-04]	B126119	10.0	10.0	07/13/15

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B126119 - SW-846 3540C										
Blank (B126119-BLK1)				Prepared: 07/13/15 Analyzed: 07/14/15						
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	*0.394*		mg/Kg wet	0.400		98.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.369*		mg/Kg wet	0.400		92.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.370*		mg/Kg wet	0.400		92.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.340*		mg/Kg wet	0.400		84.9	30-150			
LCS (B126119-BS1)				Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		101	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		87.4	40-140			
Aroclor-1260	0.21	0.020	mg/Kg wet	0.200		103	40-140			
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		93.2	40-140			
Surrogate: Decachlorobiphenyl	*0.217*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.180*		mg/Kg wet	0.200		90.2	30-150			
LCS Dup (B126119-BSD1)				Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		100	40-140	1.30	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.9	40-140	4.03	30	
Aroclor-1260	0.20	0.020	mg/Kg wet	0.200		98.4	40-140	4.19	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		89.4	40-140	4.20	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.185*		mg/Kg wet	0.200		92.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.188*		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.170*		mg/Kg wet	0.200		85.1	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B126119 - SW-846 3540C										
Matrix Spike (B126119-MS1)	**Source: 15G0552-01**			Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.28	0.12	mg/Kg dry	0.235	ND	120	40-140			
Aroclor-1016 [2C]	0.26	0.12	mg/Kg dry	0.235	ND	111	40-140			
Aroclor-1260	0.30	0.12	mg/Kg dry	0.235	ND	129	40-140			
Aroclor-1260 [2C]	0.30	0.12	mg/Kg dry	0.235	ND	130	40-140			
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg dry	0.235		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg dry	0.235		94.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.224*		mg/Kg dry	0.235		95.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.204*		mg/Kg dry	0.235		86.7	30-150			
Matrix Spike Dup (B126119-MSD1)	**Source: 15G0552-01**			Prepared: 07/13/15 Analyzed: 07/14/15						
Aroclor-1016	0.29	0.12	mg/Kg dry	0.235	ND	124	40-140	3.45	50	
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.235	ND	119	40-140	6.95	50	
Aroclor-1260	0.31	0.12	mg/Kg dry	0.235	ND	131	40-140	1.59	50	
Aroclor-1260 [2C]	0.31	0.12	mg/Kg dry	0.235	ND	132	40-140	1.99	50	
Surrogate: Decachlorobiphenyl	*0.224*		mg/Kg dry	0.235		95.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.222*		mg/Kg dry	0.235		94.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.232*		mg/Kg dry	0.235		99.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg dry	0.235		90.4	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

119-01

Lab Sample ID: 15G0552-01 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.34	
	2	0.00	-0.03	0.03	0.40	16.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

119-02

Lab Sample ID: 15G0552-02

Date(s) Analyzed: 07/14/2015 07/14/2015

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.23	
	2	0.00	-0.03	0.03	0.27	17.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

119-03

Lab Sample ID: 15G0552-03 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.34	
	2	0.00	-0.03	0.03	0.47	32.7
Aroclor-1260	1	0.00	-0.03	0.03	0.20	
	2	0.00	-0.03	0.03	0.25	20.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

119-04

Lab Sample ID: 15G0552-04

Date(s) Analyzed: 07/14/2015 07/14/2015

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.31	
	2	0.00	-0.03	0.03	0.36	14.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

121-02

Lab Sample ID: 15G0552-09 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.29	
	2	0.00	-0.03	0.03	0.33	14.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

121-03

Lab Sample ID: 15G0552-10

Date(s) Analyzed: 07/14/2015 07/14/2015

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	-0.03	0.03	0.13	
	2	0.00	-0.03	0.03	0.16	19.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B126119-BS1 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.20	
	2	0.00	-0.03	0.03	0.17	18
Aroclor-1260	1	0.00	-0.03	0.03	0.21	
	2	0.00	-0.03	0.03	0.19	8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B126119-BSD1 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.20	
	2	0.00	-0.03	0.03	0.17	16
Aroclor-1260	1	0.00	-0.03	0.03	0.20	
	2	0.00	-0.03	0.03	0.18	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B126119-MS1 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.28	
	2	0.00	-0.03	0.03	0.26	8
Aroclor-1260	1	0.00	-0.03	0.03	0.30	
	2	0.00	-0.03	0.03	0.30	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B126119-MSD1 Date(s) Analyzed: 07/14/2015 07/14/2015

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	-0.03	0.03	0.29	
	2	0.00	-0.03	0.03	0.28	4
Aroclor-1260	1	0.00	-0.03	0.03	0.31	
	2	0.00	-0.03	0.03	0.31	1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

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

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

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test ANALYTICAL LABORATORY
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39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Rev 04.05.12

15G0550

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

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

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

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A
01	119-01 Soil	7/10/15						X
02	119-02							X
03	119-03							X
04	119-04							X
05	120-01							X
06	120-02							X
07	120-03							X
08	120-04							X
09	121-02							X
10	121-03							X

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Signature	Date/Time
Relinquished by: (signature) Kathy Esposito	7-13-15 10:55
Received by: (signature) Paul Racicot	7-13-15 10:55
Relinquished by: (signature) Paul Racicot	7-13-15 14:15
Received by: (signature) Rebecca Hurst 4.8°C 7/13/15	1415

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

CHAIN OF CUSTODY RECORD

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

Rev. 04.05.12

15G0552

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: B. Graham

Telephone: 203-378-5020
Project #
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: results@amcenviro
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	Sample # 380824
11	121-04 Soil	7/10/15									X

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Kathy Esposito	7/13/15 10:55
Received by: (signature)	Date/Time:
Carl Ravert	7/13/15 10:55
Relinquished by: (signature)	Date/Time:
Carl Ravert	7/13/15 14:15
Received by: (signature)	Date/Time:
Rebecca Hurst 48°	7/13/15 1415

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

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

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** RLF **DATE:** 7/13/15

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

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

If not, explain:

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

If not, explain:

4) **How were the samples received:**

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.8C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	11
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: **Date/Time:** RLF 7/13/15 1415